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FIG. 1A

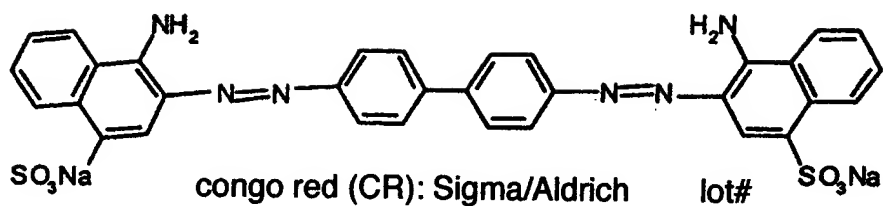


FIG. 1B

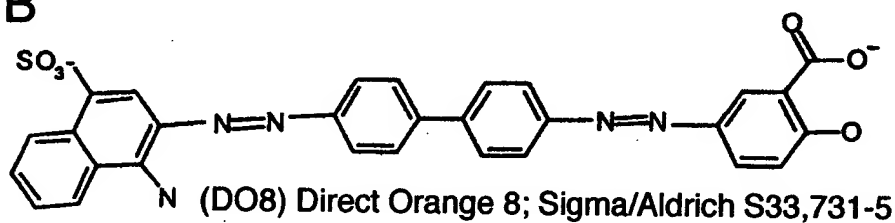


FIG. 1C

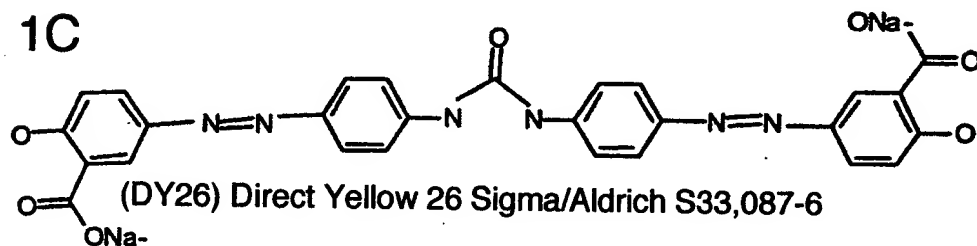


FIG. 1D

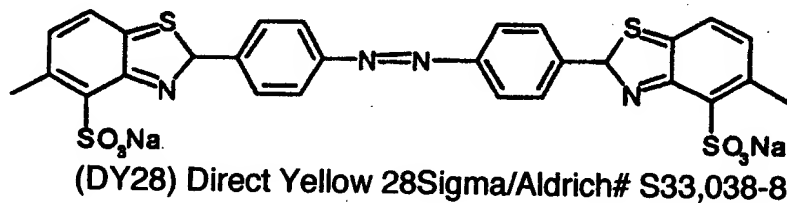


FIG. 1E

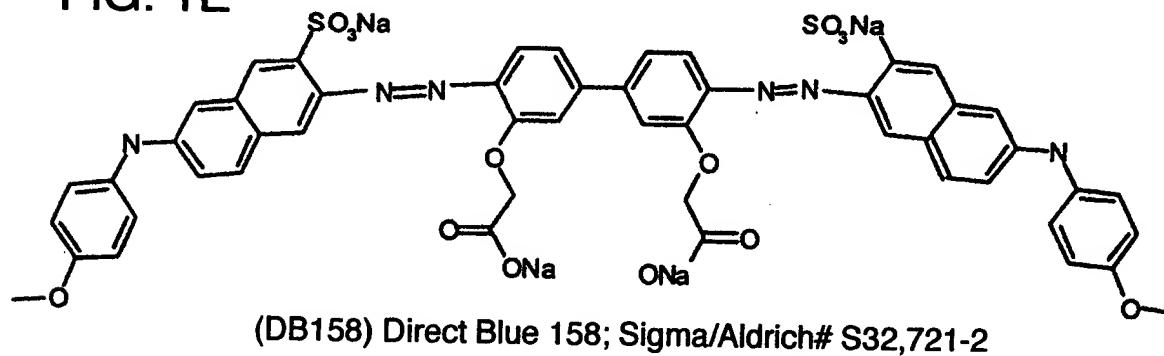


FIG. 1F

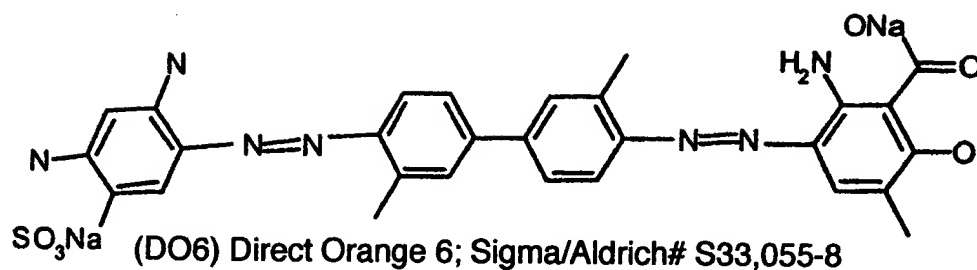


FIG. 1G

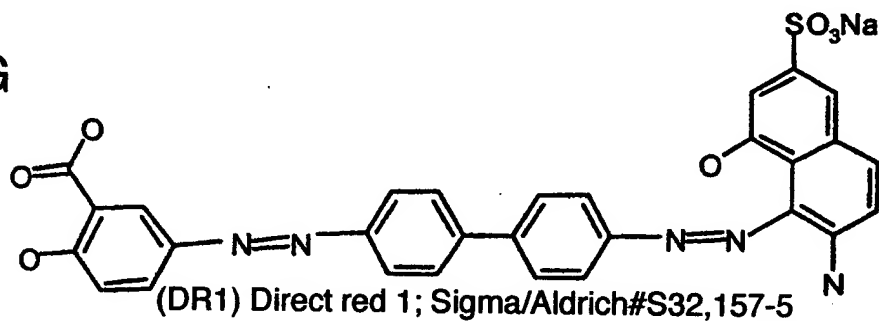


FIG. 1H

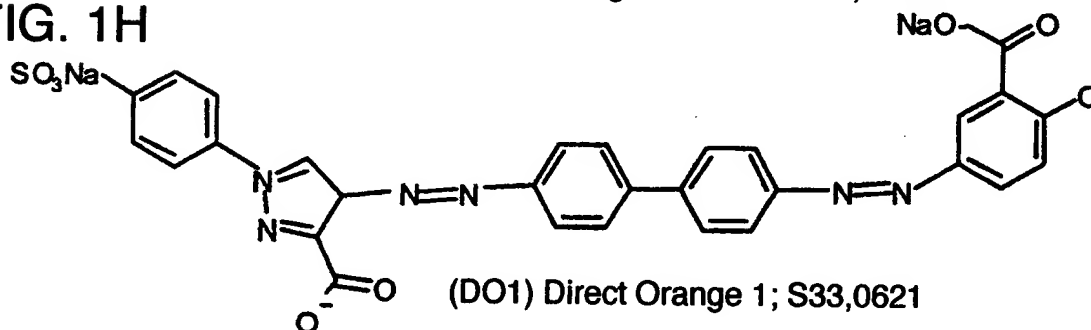


FIG. 1I

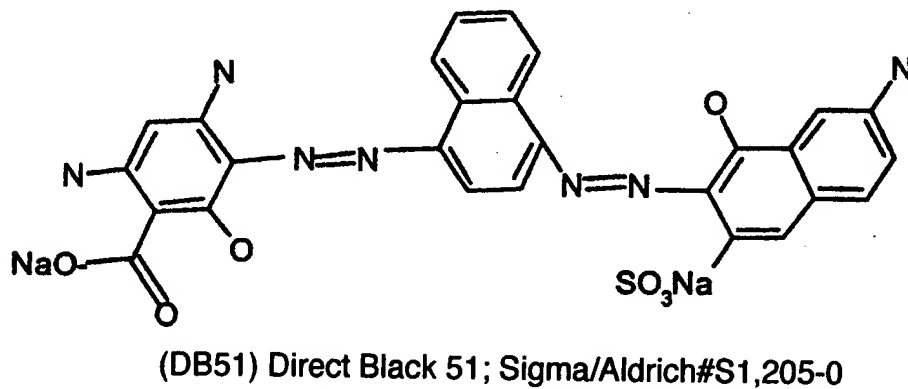


FIG. 2A

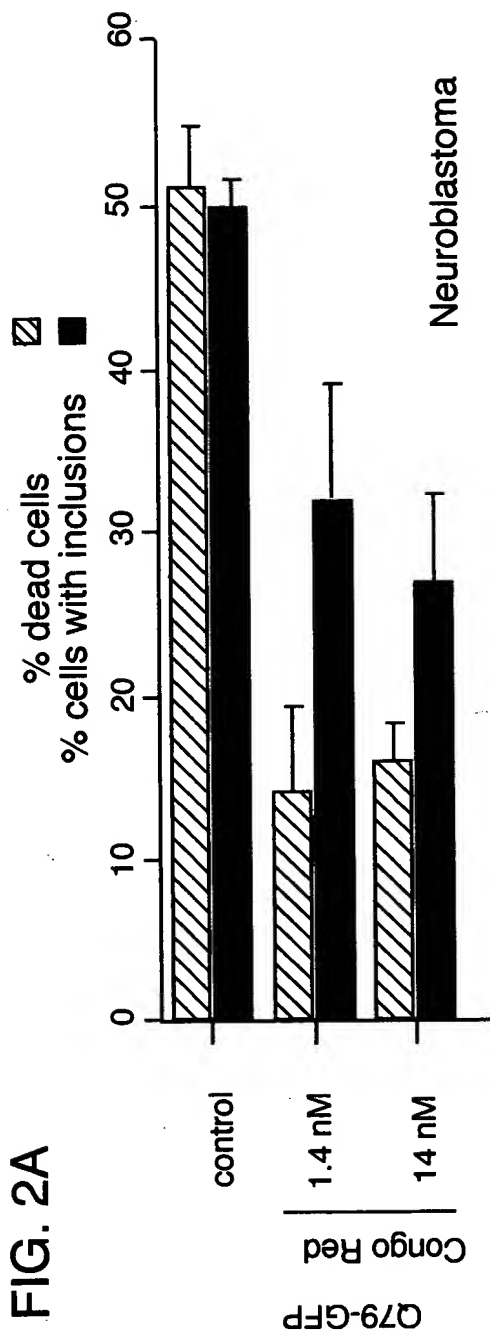


FIG. 2B

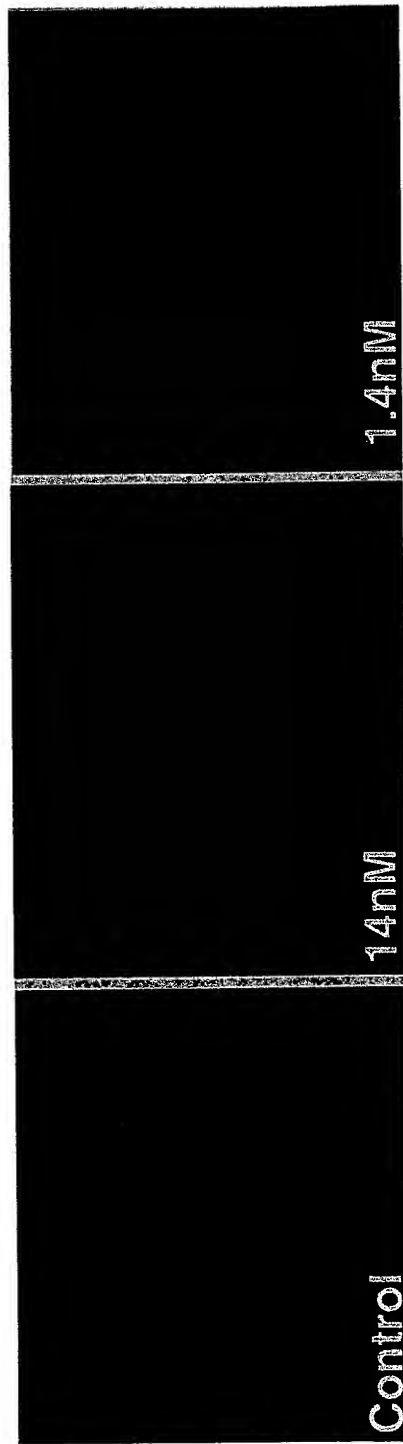


FIG. 2C

FIG. 2D

FIG. 4A

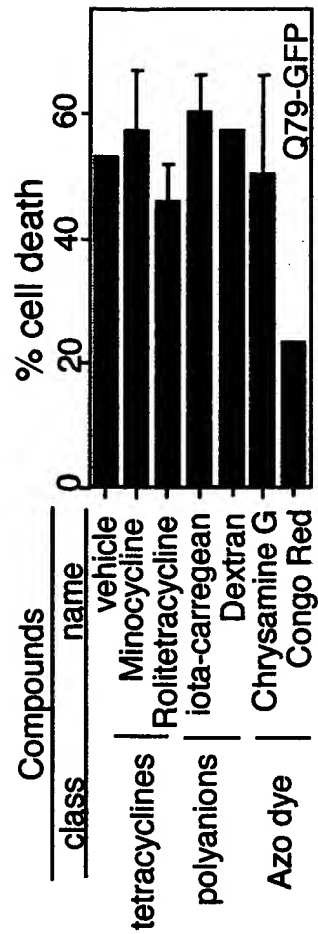
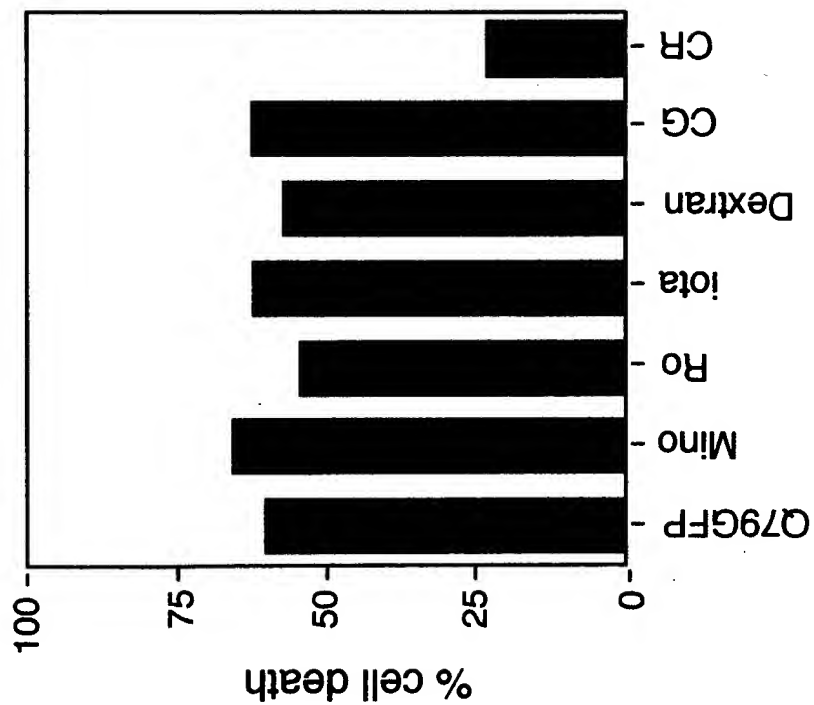


FIG. 4B

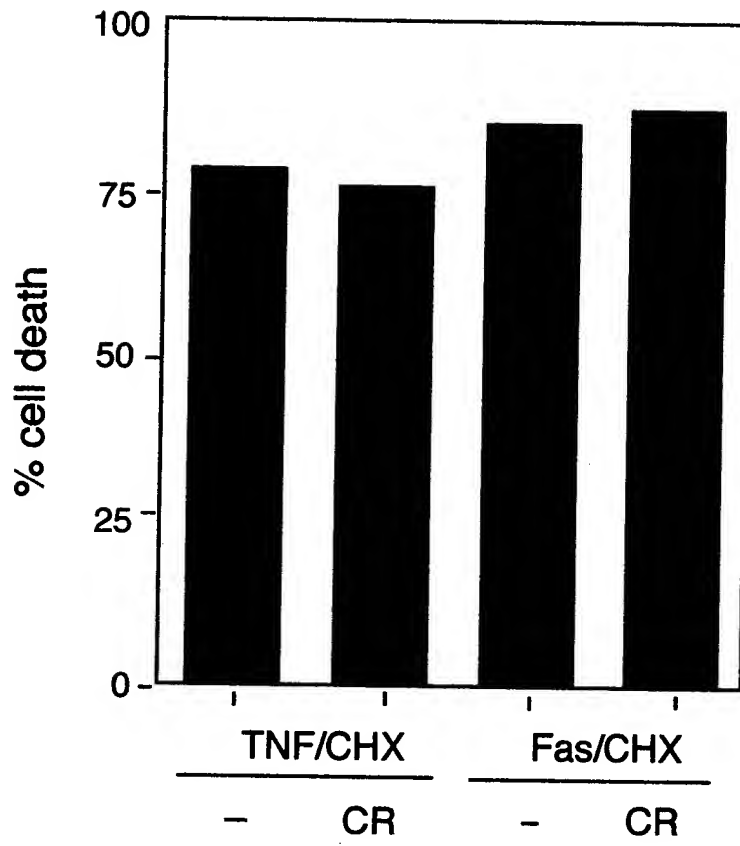


FIG. 5A

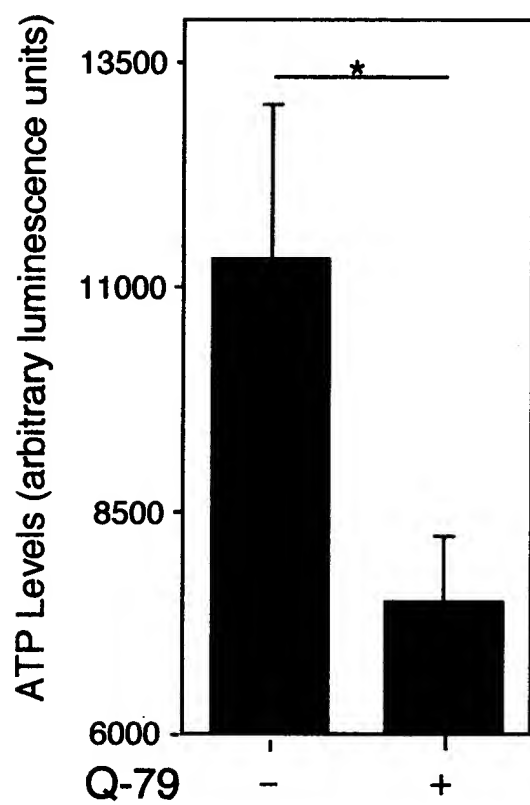


FIG. 5B

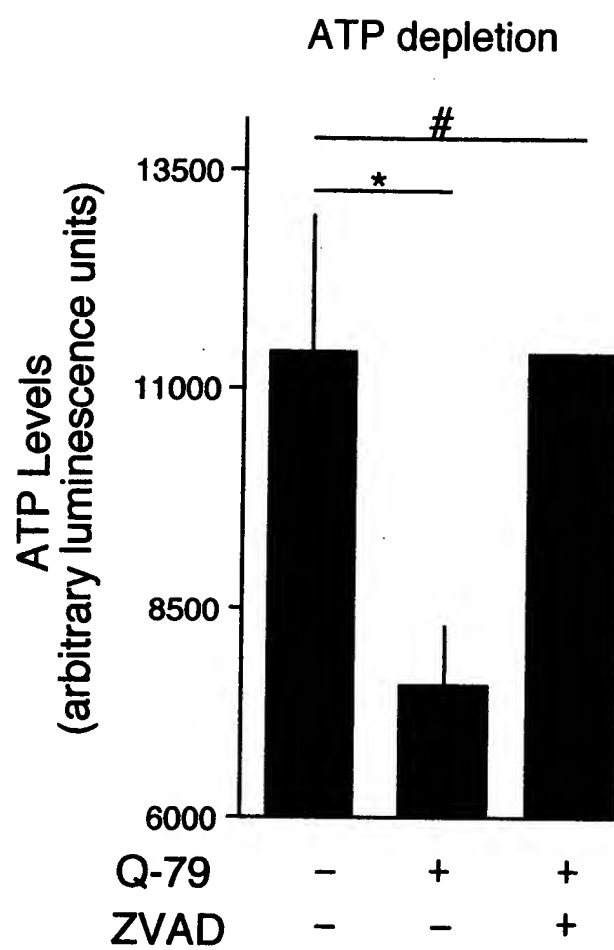


FIG. 5C

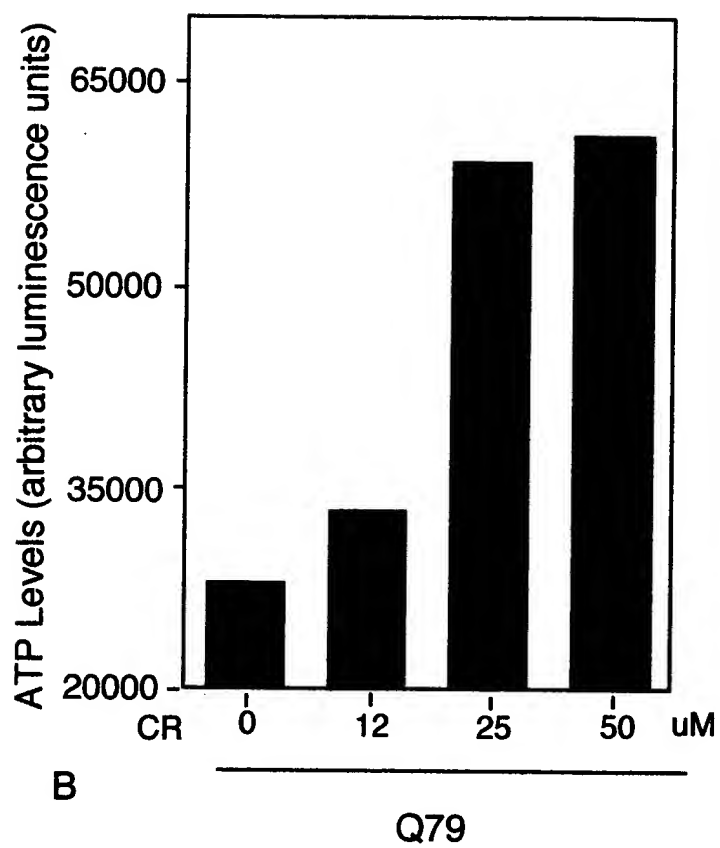


FIG. 5D

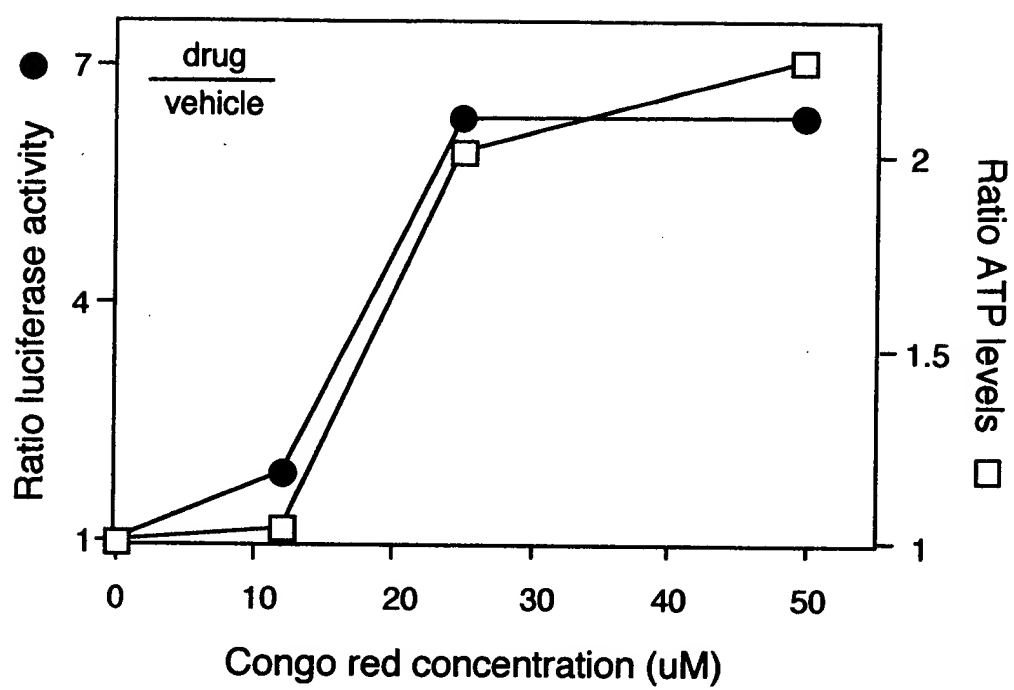
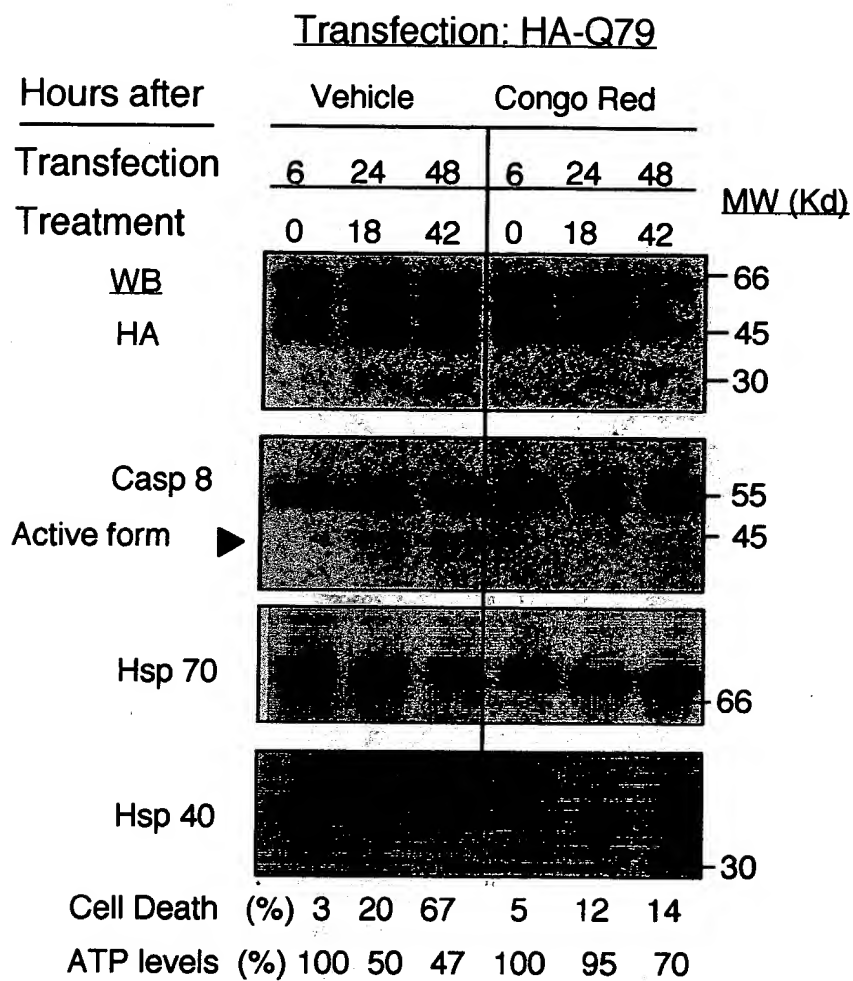


FIG. 5E



09829040-100301

FIG. 5F

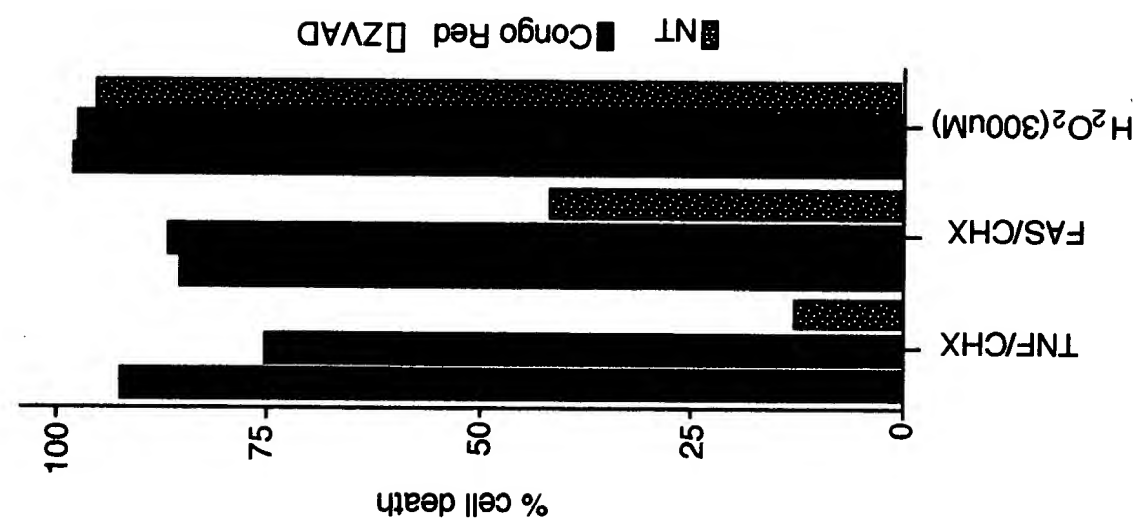


FIG. 5G

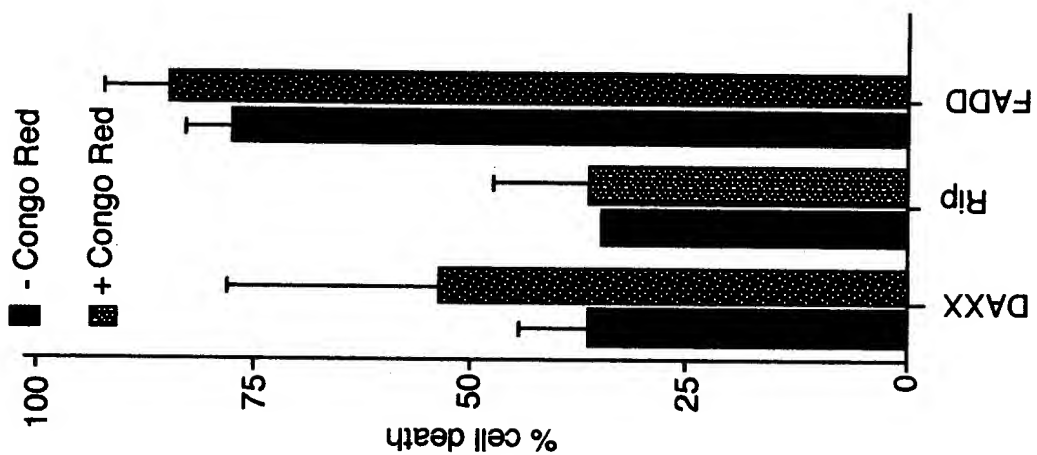


FIG. 5H

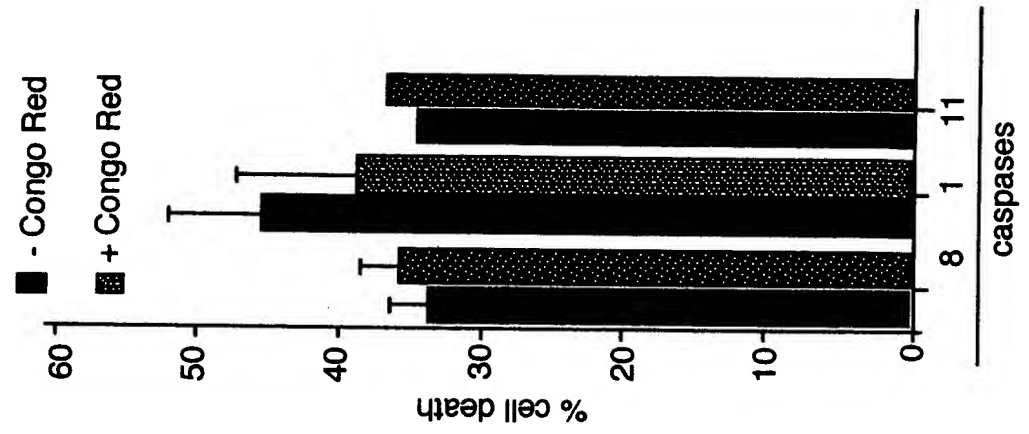
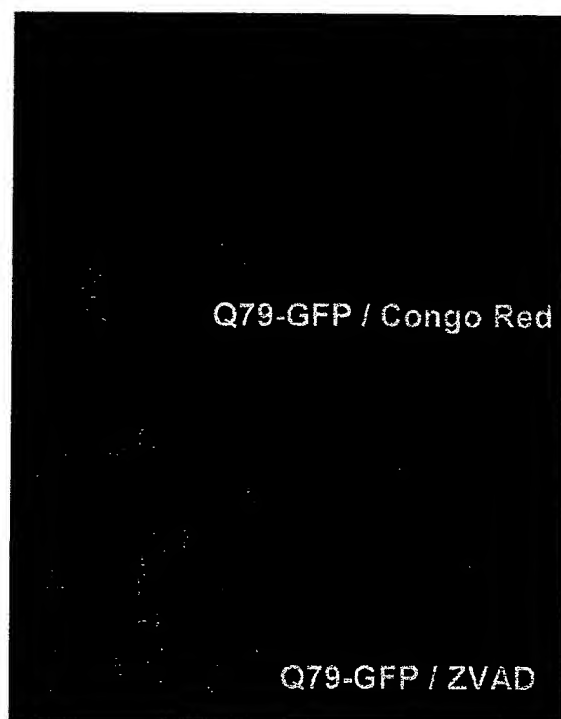
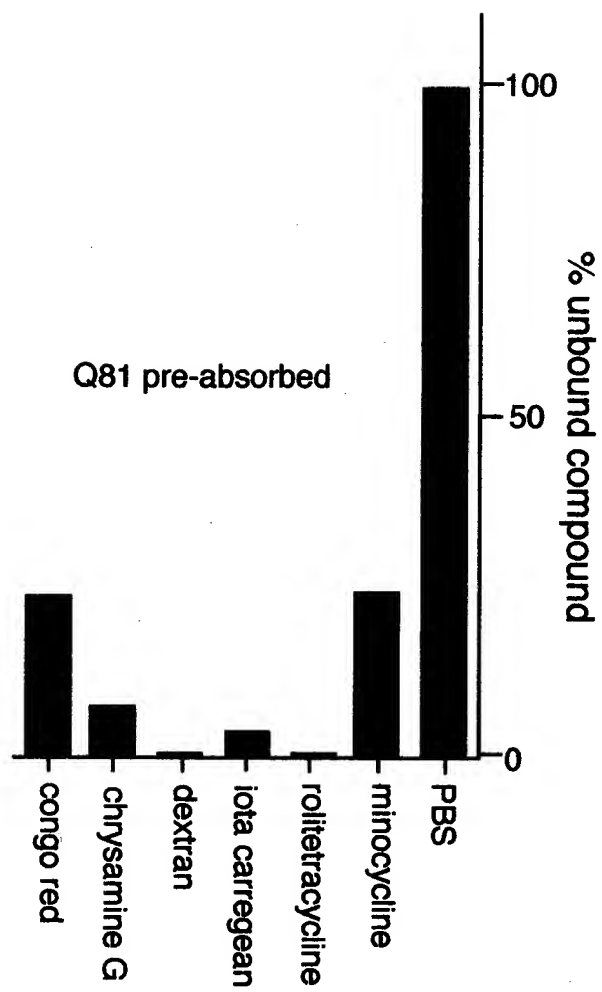


FIG. 5I



09829040-100101

FIG. 6A



09629040-100101

09829040-100101

FIG. 6B

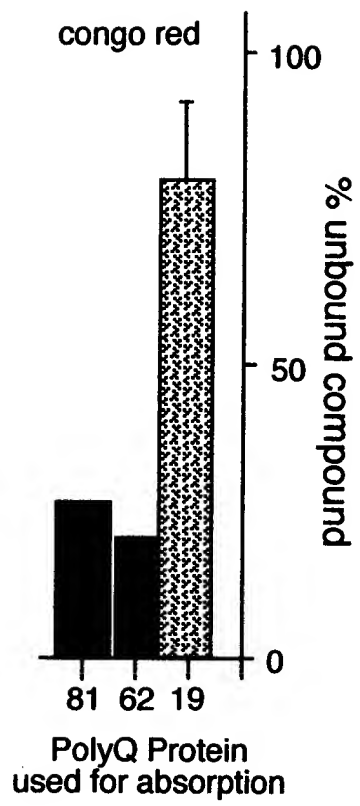


FIG. 6C

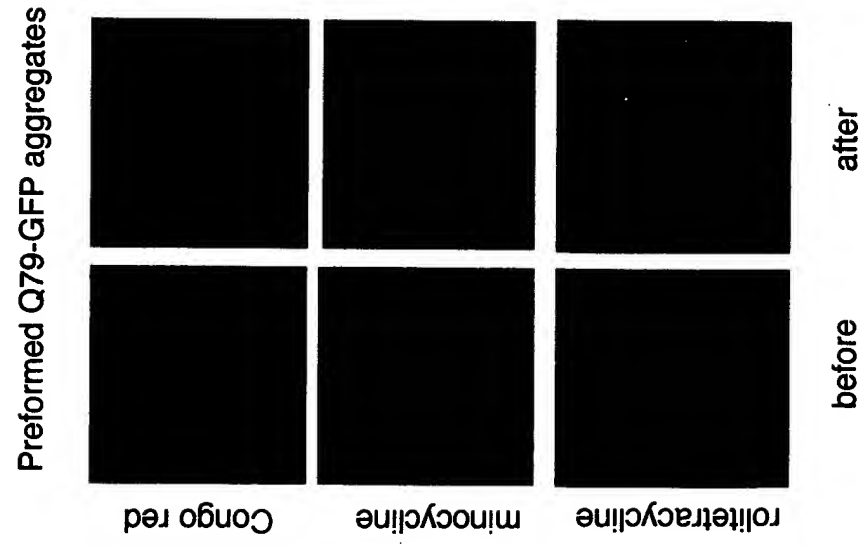


FIG. 6D

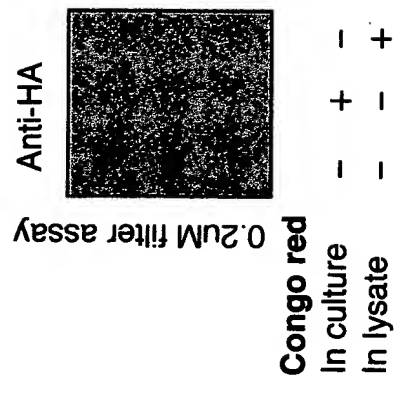


FIG. 6E

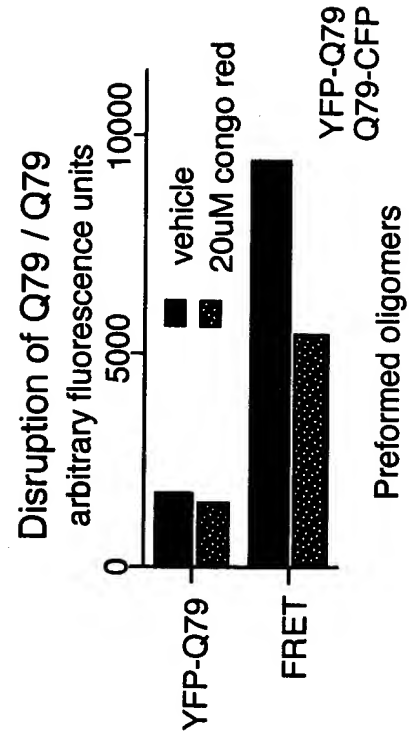


FIG. 7A

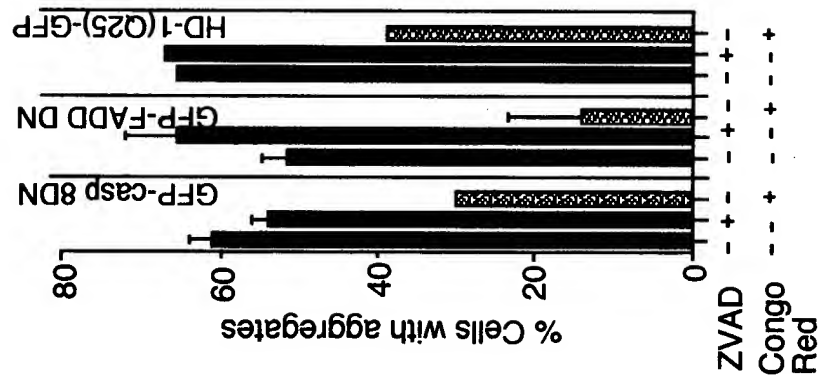


FIG. 7B

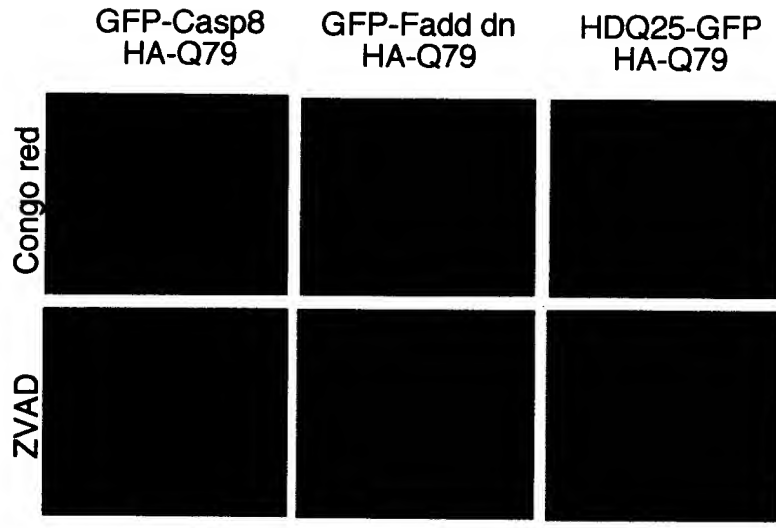


FIG. 7C

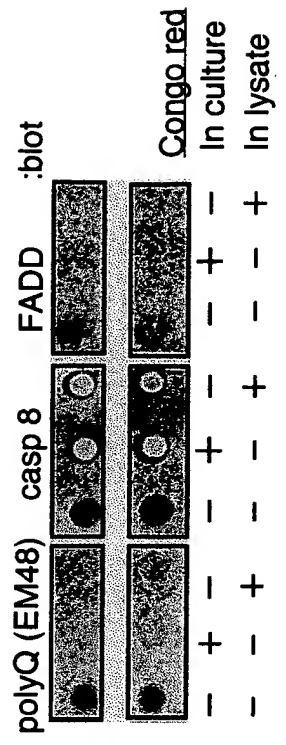


FIG. 8A

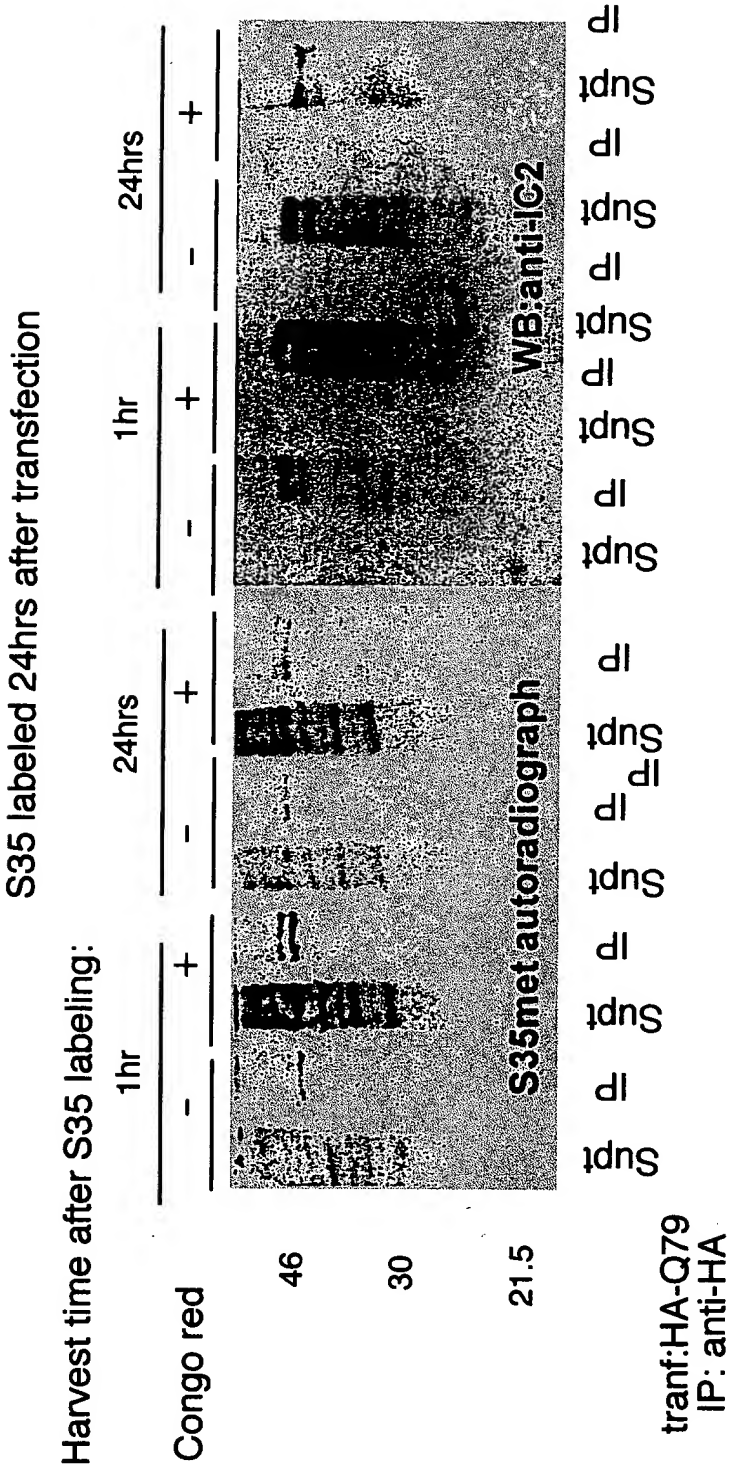


FIG. 8B

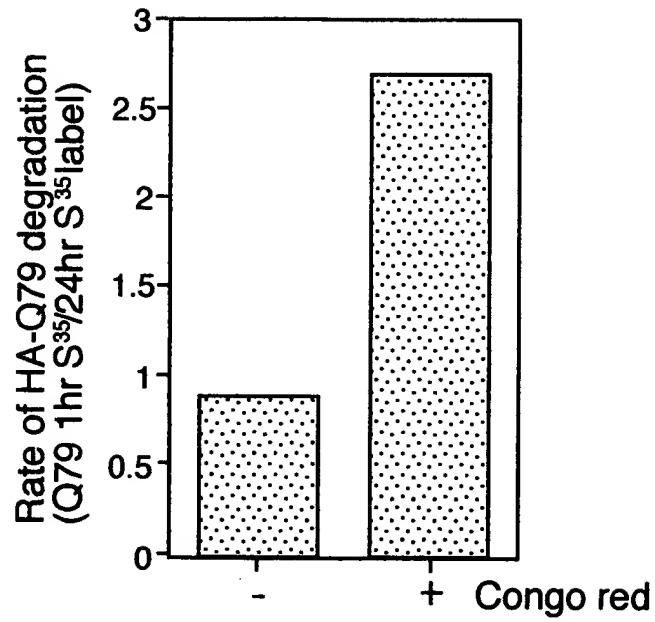


FIG. 8C

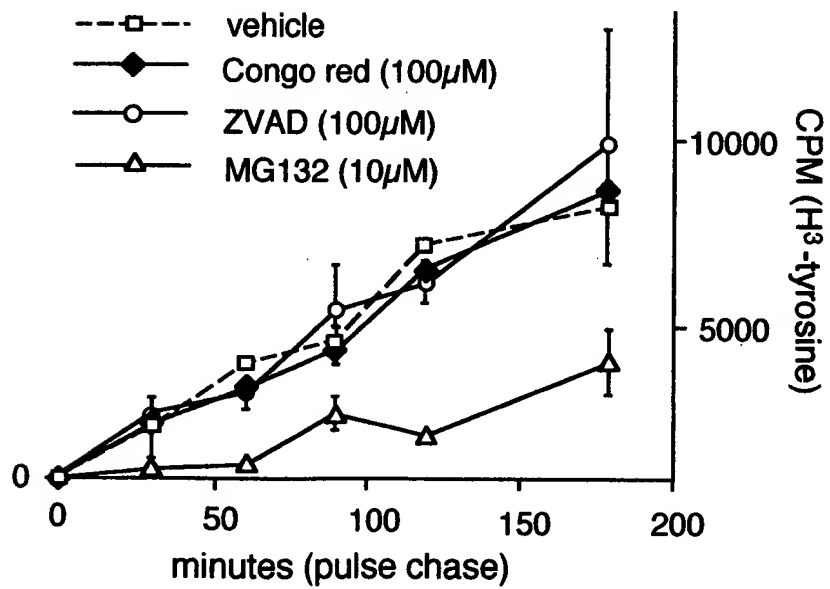


FIG. 9

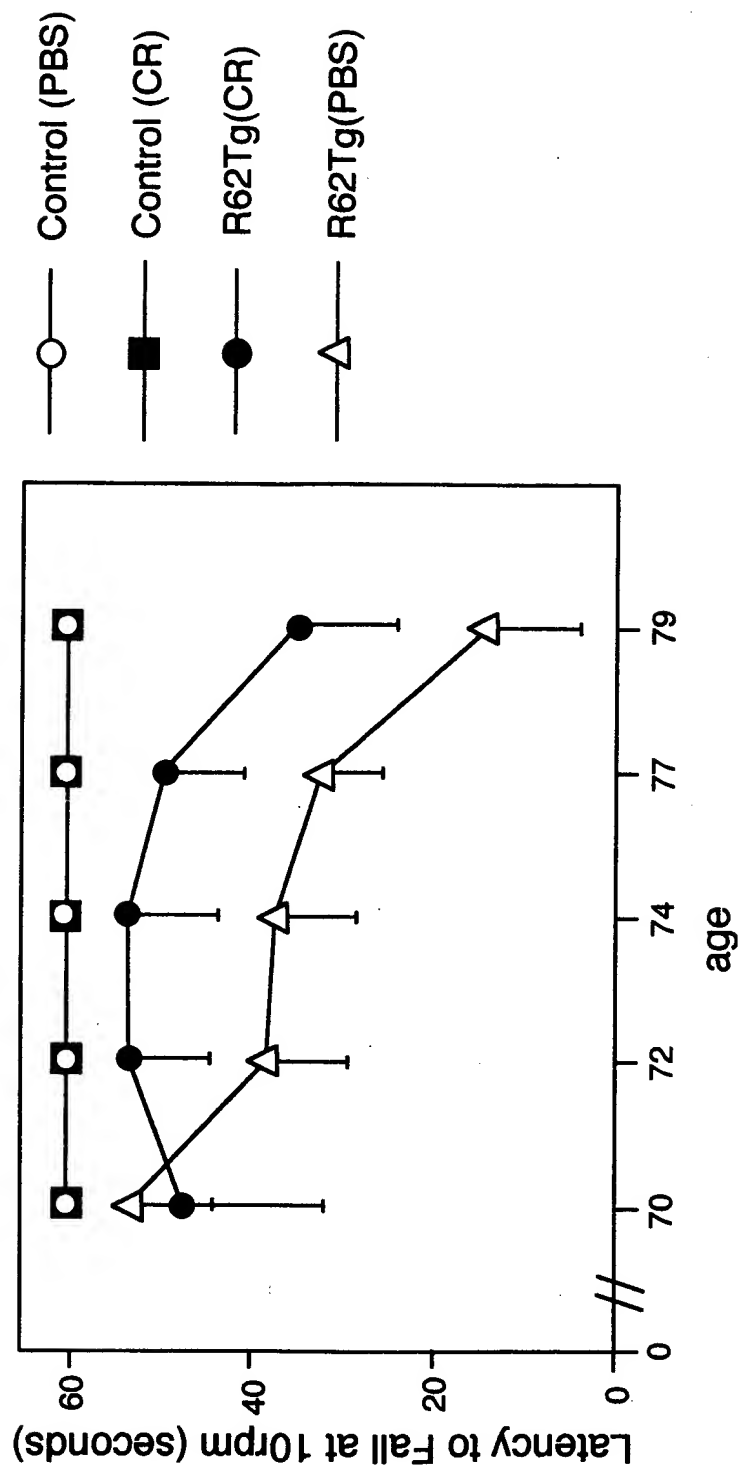


FIG.10A

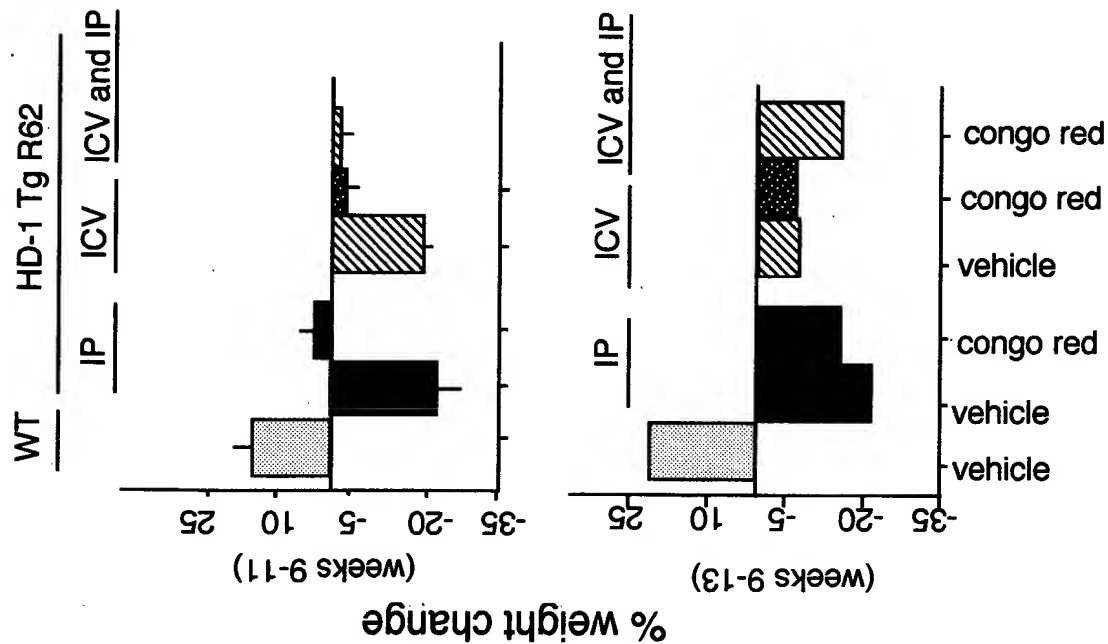


FIG.10B

Fasting (6 hrs) glucose levels			
Wt	PBS-IP	152 mg/dl ± 27	
Wt	Congo Red-IP	216 mg/dl ± 60	p>0.05
HD1 Tg	PBS-IP	398 mg/dl ± 98	p<0.01**
HD1 Tg	Congo Red-IP	178 mg/dl ± 46	p>0.05, *p<0.05

FIG.10C

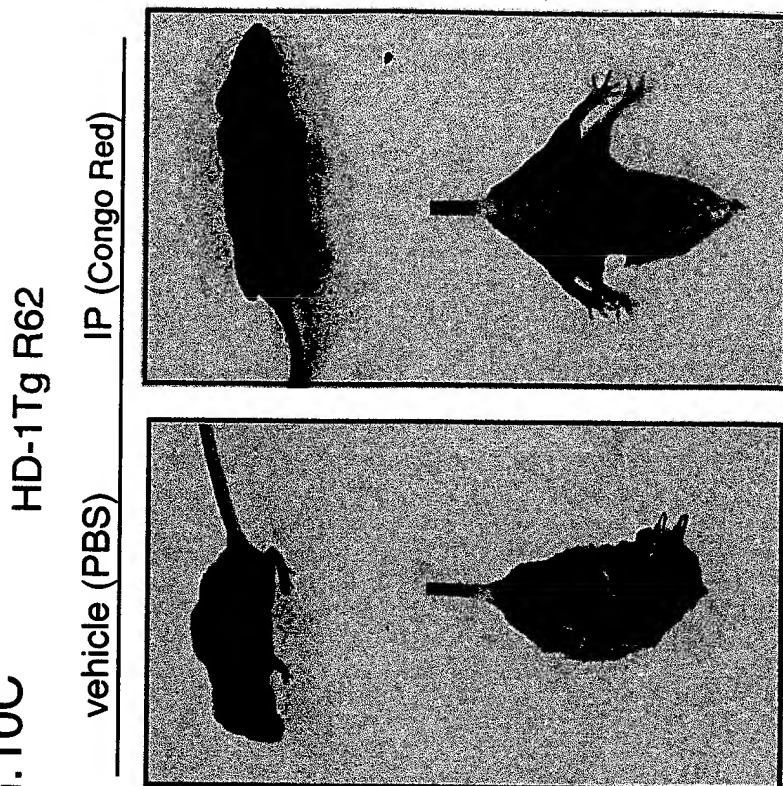


FIG. 10D

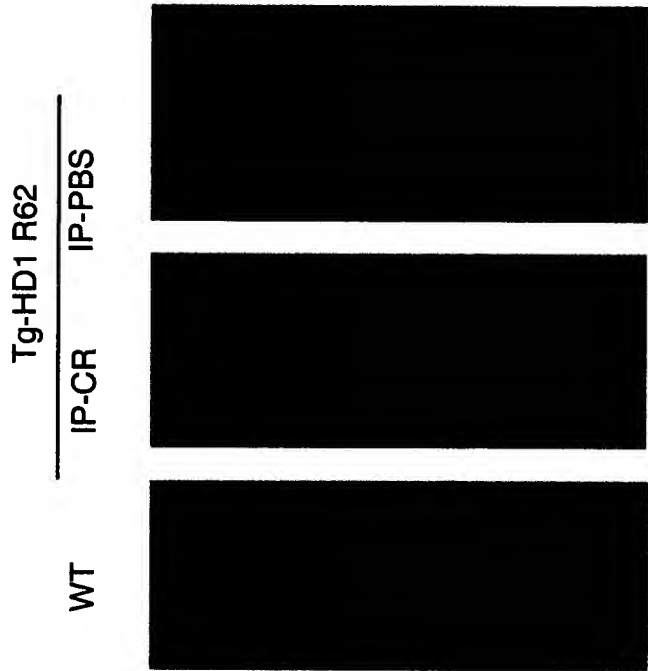


FIG. 10E

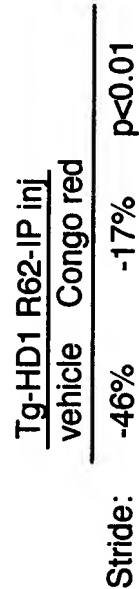


FIG. 10F

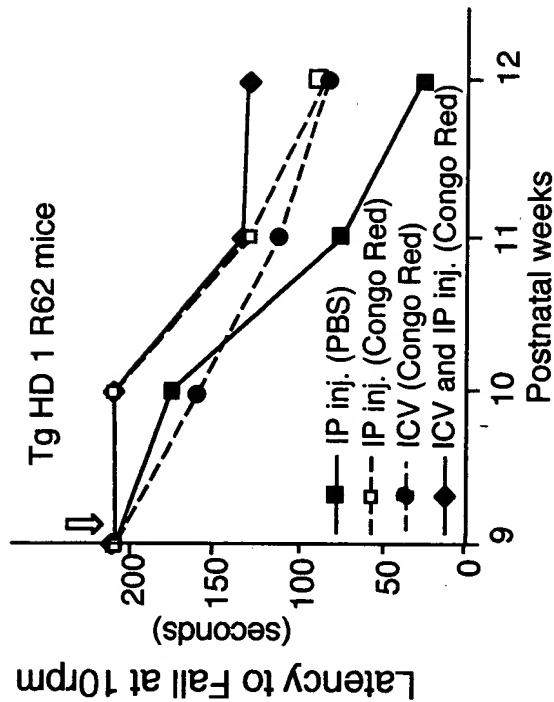
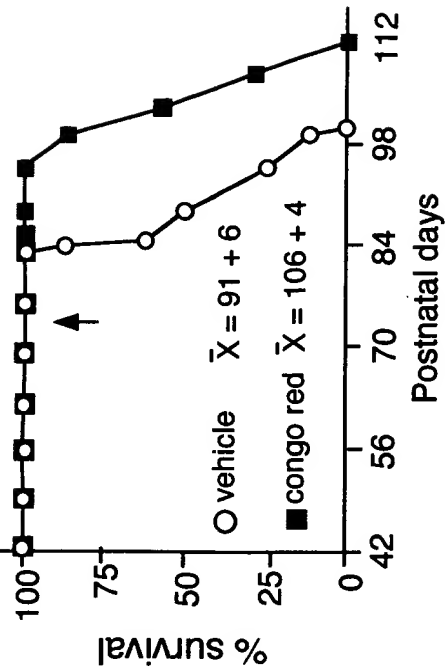


FIG. 10G

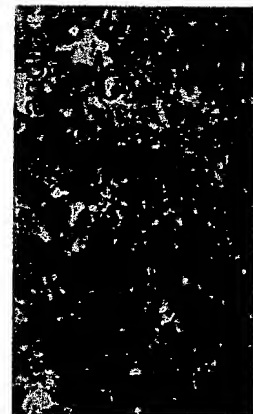


Tg-HD1 R62

FIG. 11A



FIG. 11B



12.5 postnatal weeks



FIG. 11D

FIG. 11C



FIG. 11E

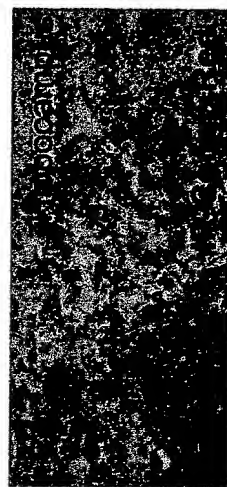


FIG. 11F

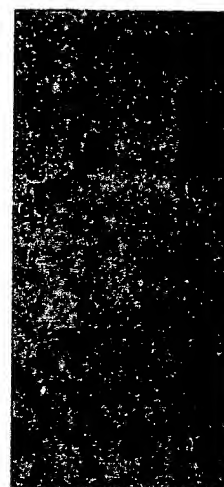


FIG. 12A %ATP levels compound treated (Q79/GFP)/ (GFP)

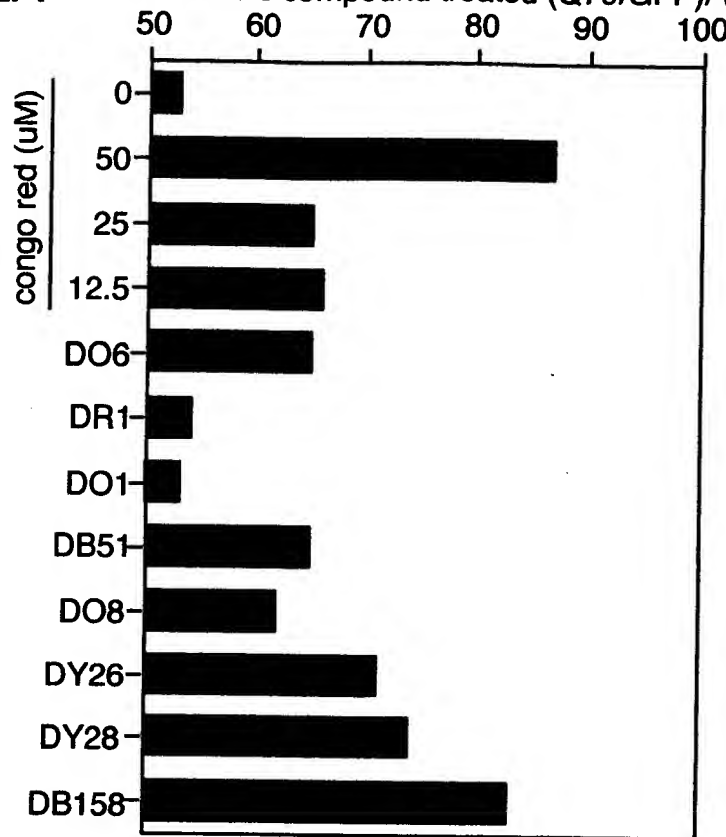


FIG. 12B % luciferase activity Q79 (compound/vehicle)

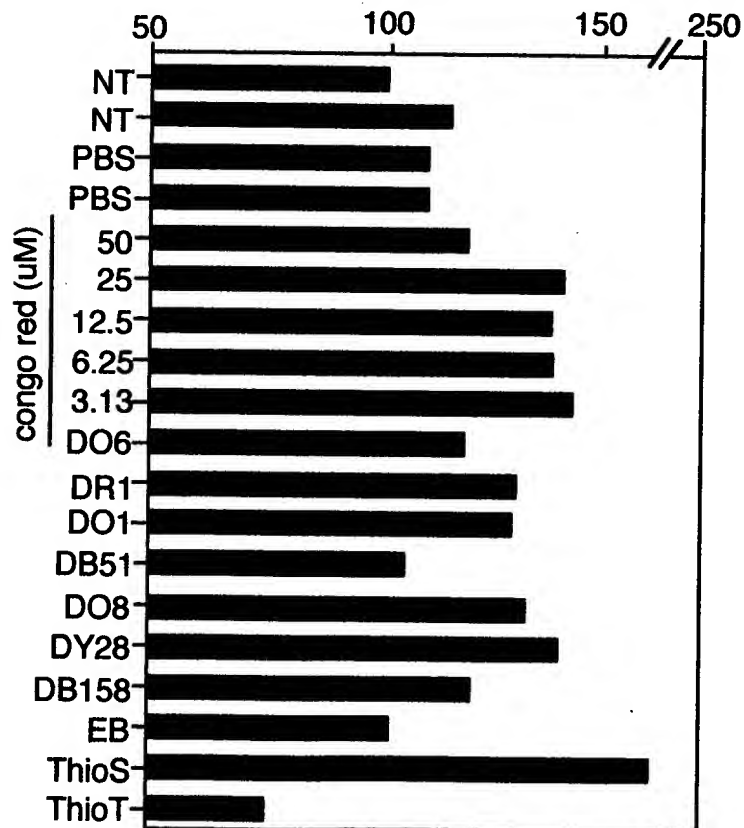


FIG. 13A

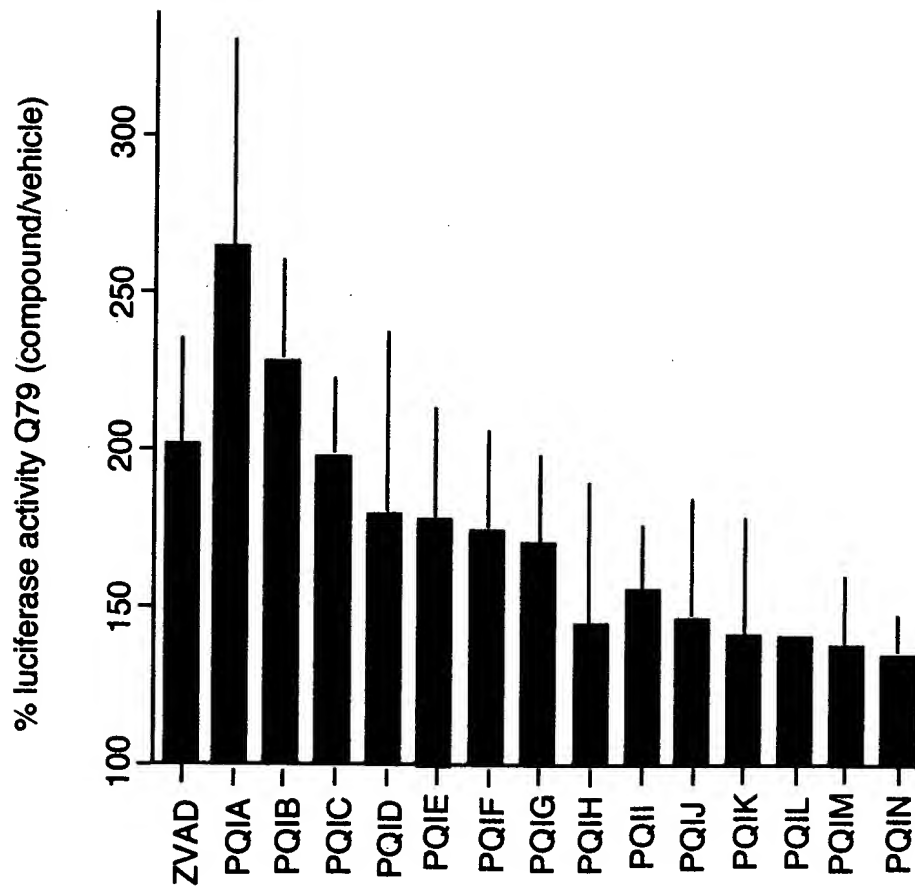


FIG. 13B

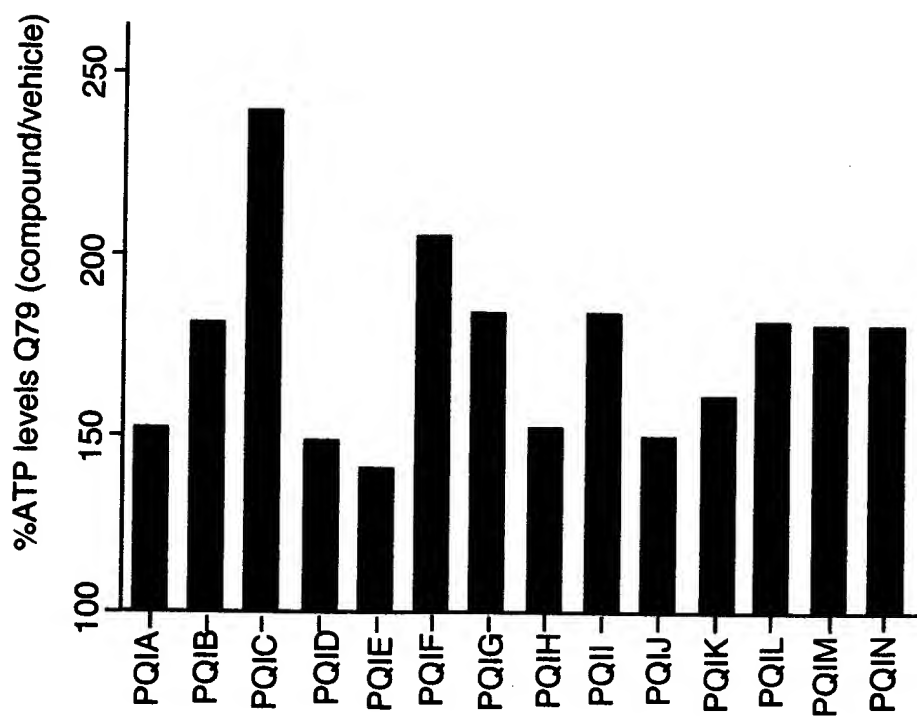
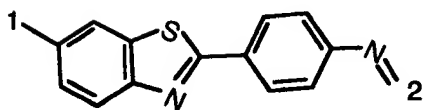
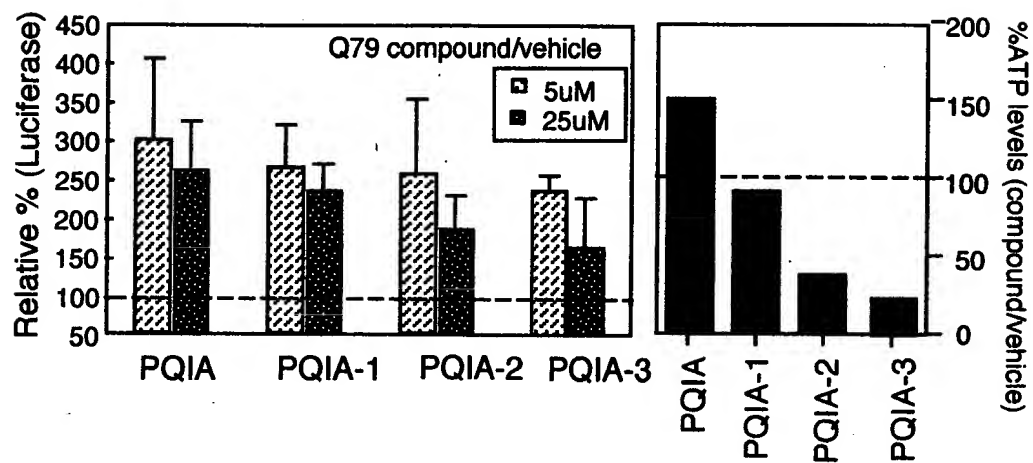
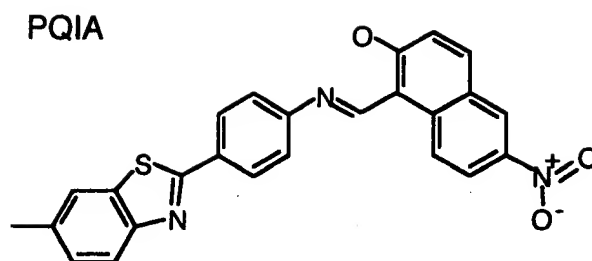


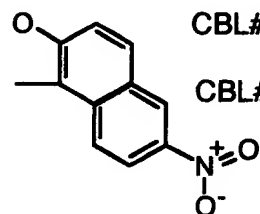
FIG. 14A



PQIA

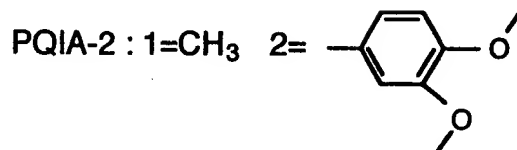
PQIA: 1=CH₃ 2=

PQIA-1 : 1=H 2=



CBL#250313

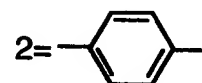
CBL#250329



PQIA-2 : 1=CH₃ 2=

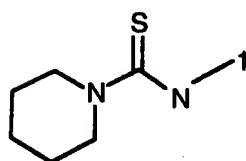
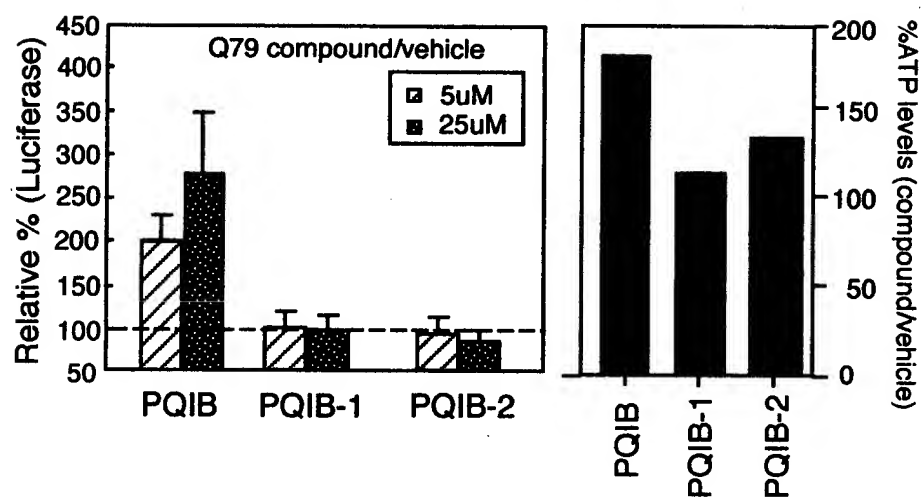
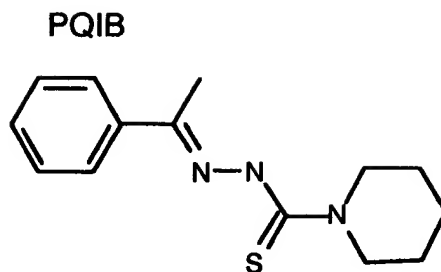
CBL#191895

PQIA-3 : 1=CH₃ 2=



CBL#191886

FIG. 14B

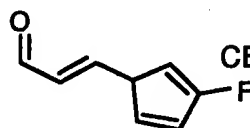


PQIB

PQIB :

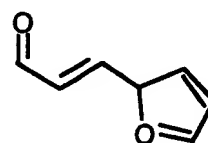
CBL#285042

PQIB-1 : 1=



CBL#150931

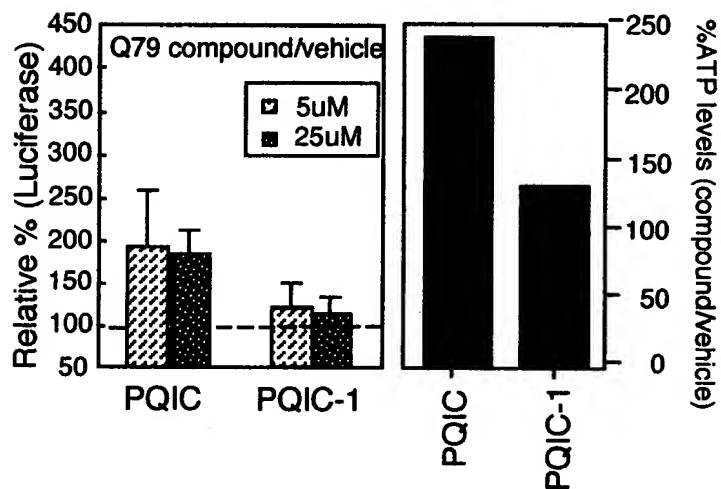
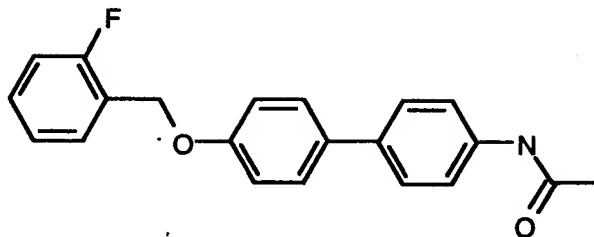
PQIB-2 : 1=



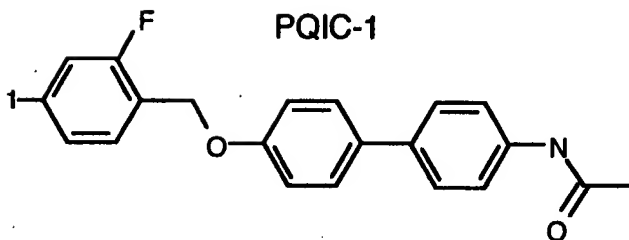
CBL#150873

FIG. 14C

PQIC



PQIC-1



PQIC-1

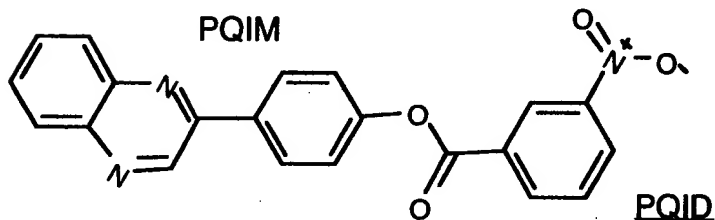
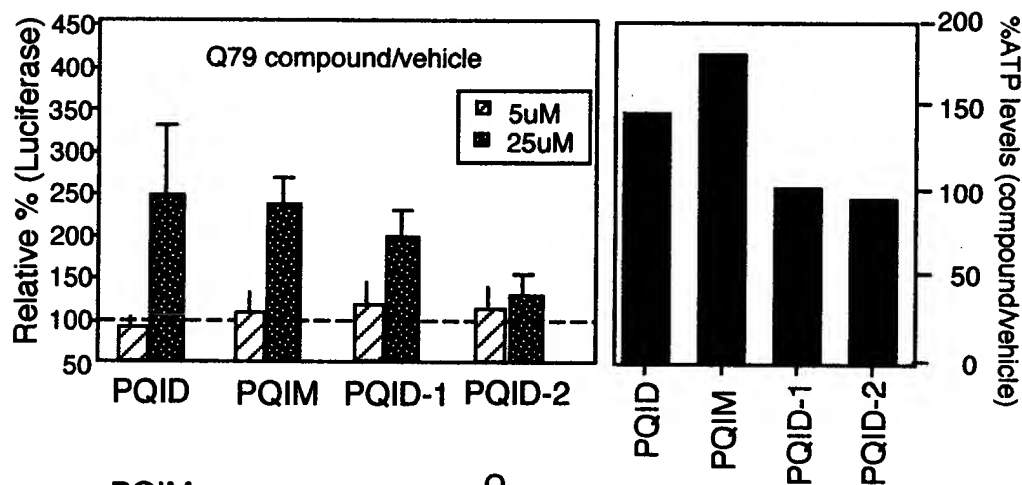
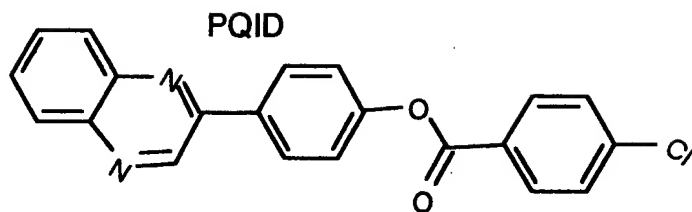
PQIC : 1 = H
 PQIC-1 : 1 = NO₂⁻

CBL#243678

CBL#243676

09829040-100101

FIG. 14D



PQID : 1=Cl, 2=H, 3=H	CBL#163012
PQIM : 1=H, 2=NO ₂ , 3=H	CBL#162753
PQID-1 : 1=Br, 2=H, 3=NO ₂	CBL#162728
PQID-2 : 3=Br, 2=H, 3=H	CBL#162759

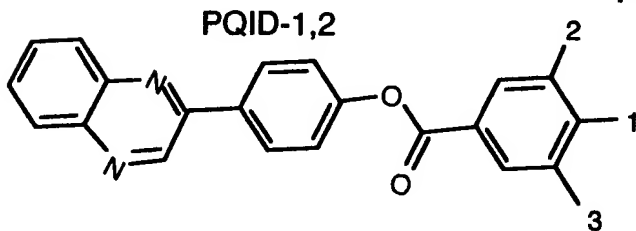
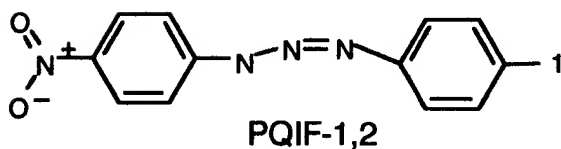
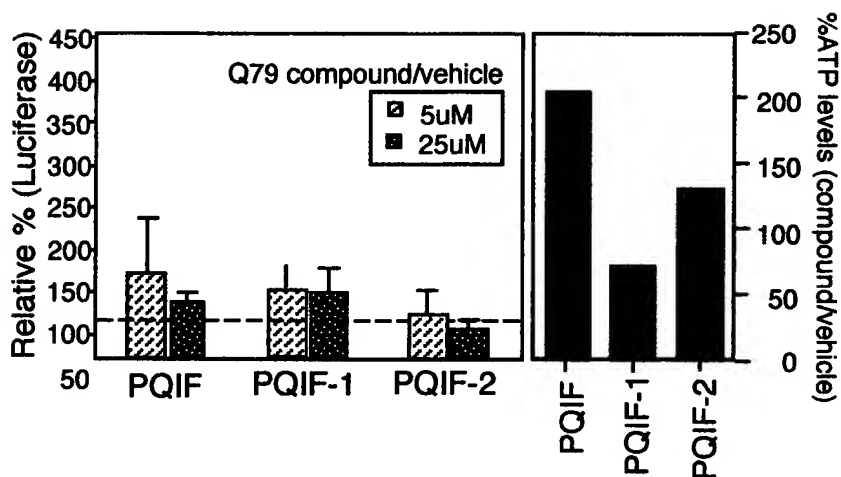
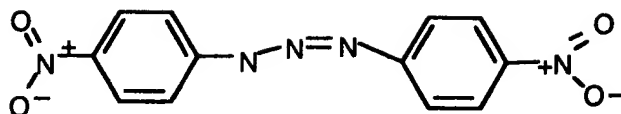


FIG. 14E

PQIF



PQIF

PQIF : 1=NO₂

PQIF-1 : 1=Br

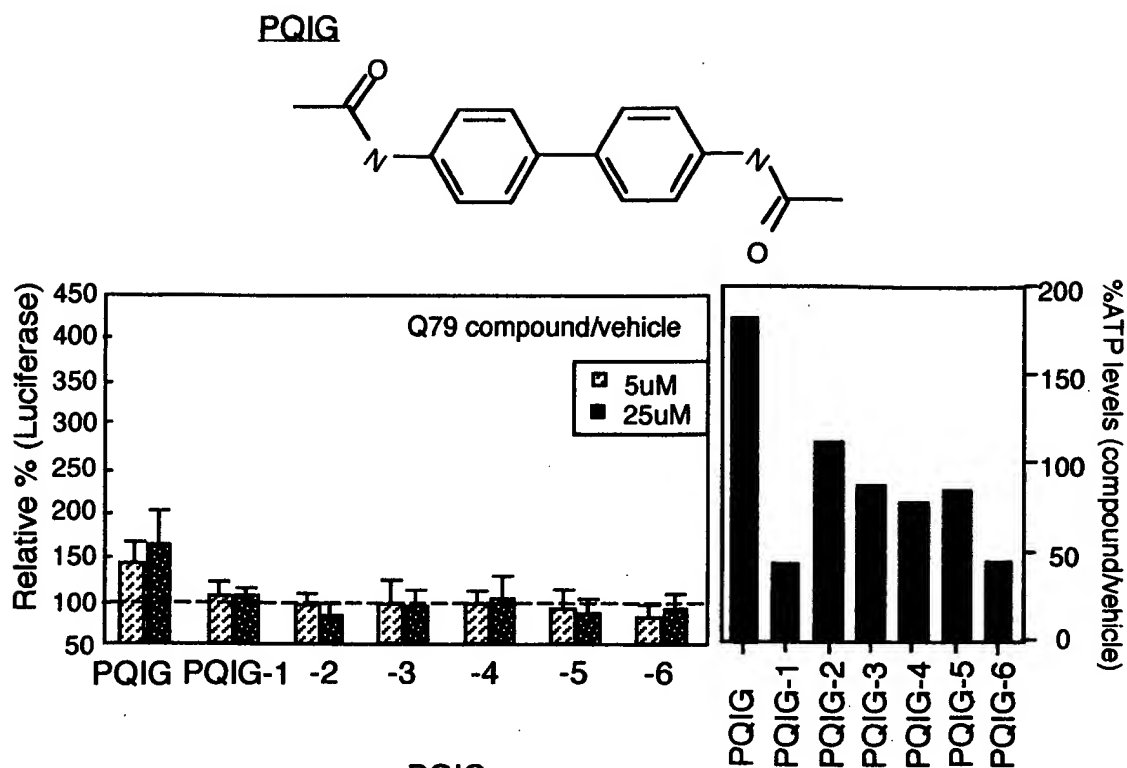
PQIF-2 : 1=O₂

CBL#100707

CBL#122267

CBL#136395

FIG. 14F



PQIG

PQIG 1=H, 2=H, 3=CH₃, 4=CH₃, 5=H CBL#104413

PQIG-1 : 3, 4= 1,2,5,6=H CBL#104234

PQIG-2 : 1, 2=CH₃, 3,4= 5,6=H CBL#116574

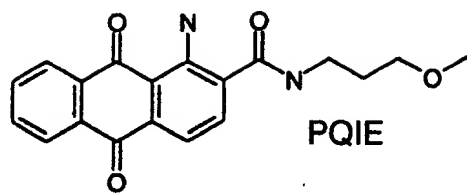
PQIG-3 : 3,4= 1,2=H 5,6=CH₃ CBL#105109

PQIG-4 : 3,4= 1,2,5,6=H CBL#105560

PQIG-5 : 3,4= 1,2,5,6=H CBL#116580

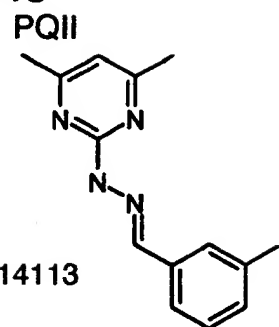
PQIG-6 : 3,4= 1,2,5,6=H CBL#153040

FIG. 14G



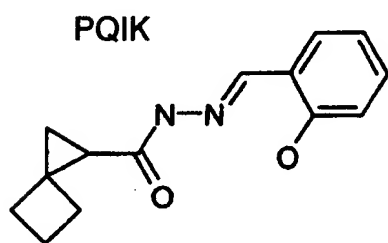
CBL#249429

FIG. 14J



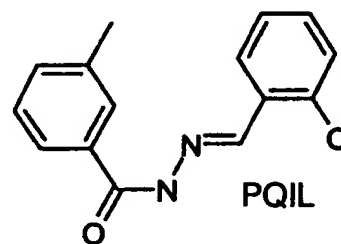
CBL#114113

FIG. 14H



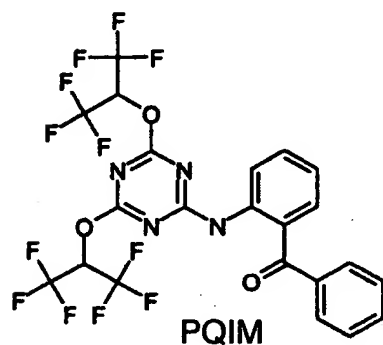
CBL#269475

FIG. 14K



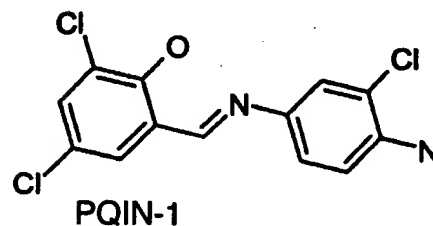
CBL#261511

FIG. 14I



CBL#162753

FIG. 14L



CBL#267402

FIG. 15A

#1: CNC-43921

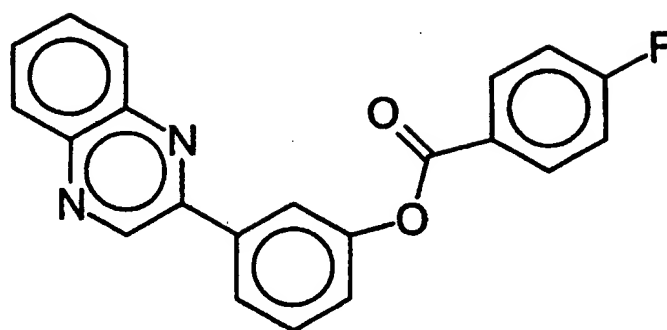


FIG. 15B

#2: CNC-43267

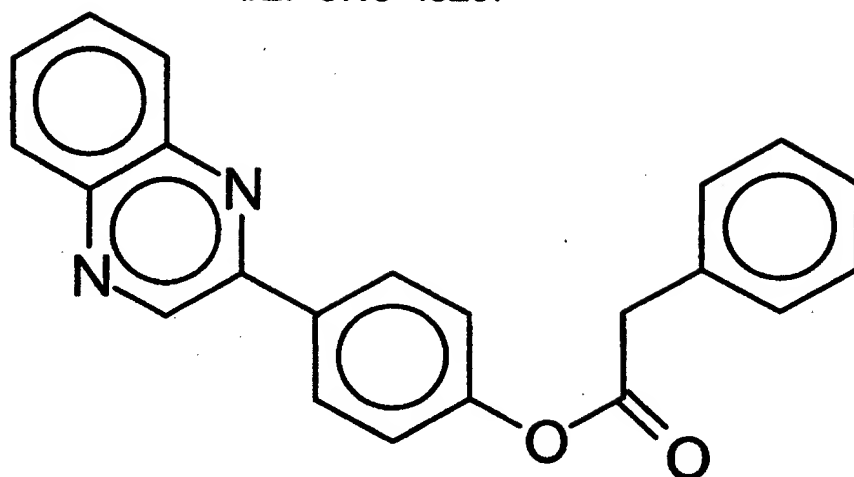


FIG. 15C

CNC - 49867

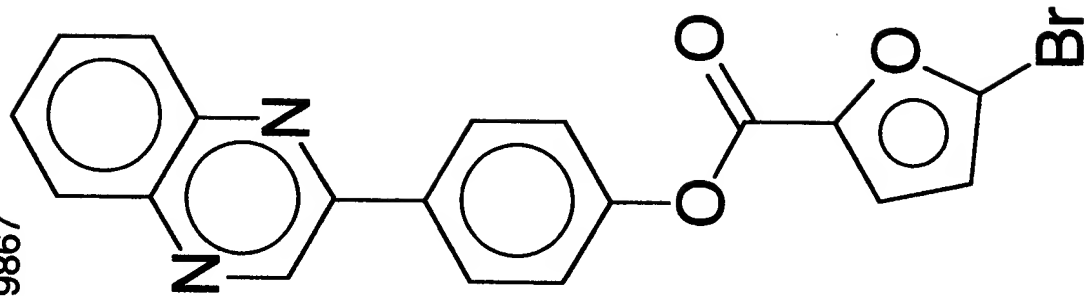


FIG. 15D

4 CNC - 49867

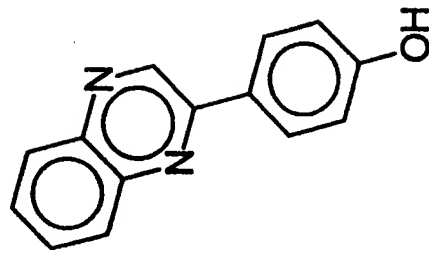


FIG. 15E

#5: CNC-54580

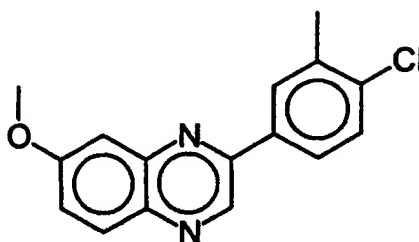


FIG. 15F

#6: CNC-42175

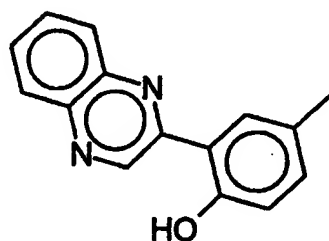


FIG. 15G

#7: CNC-42379

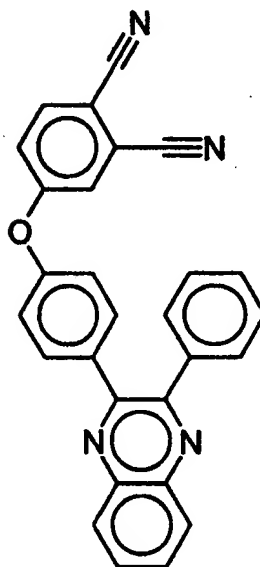


FIG. 15H

#8: CNC-46308

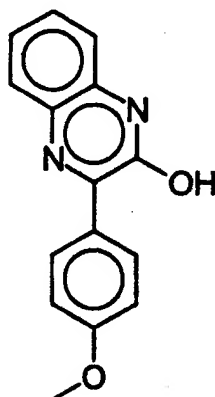


FIG. 15I

#9: CNC-46793

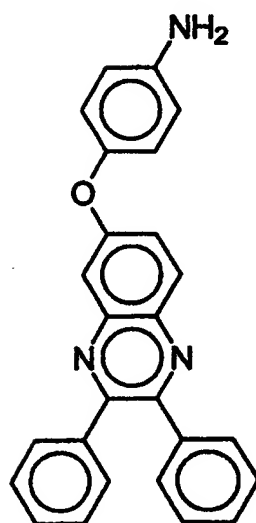


FIG. 15J

#10: CNC-49373

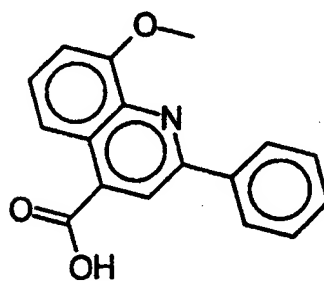
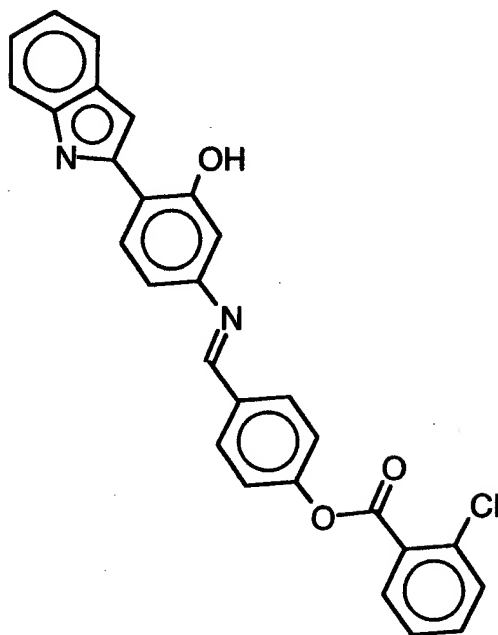


FIG. 15K

#1: CNC-57277



05829040-100101

FIG. 15L

#1: CNC-556240

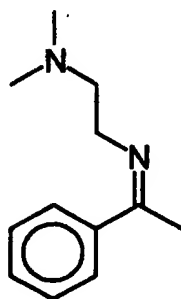


FIG. 15M

#2: CNC-526900

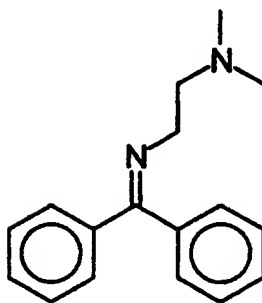


FIG. 15N

#3: CNC-431893

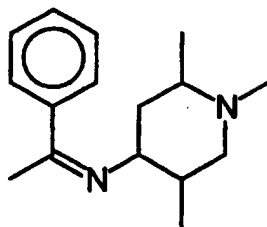


FIG. 15O

#4: CNC-523618

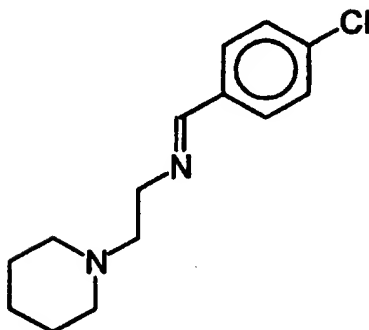


FIG. 15P

#5: CNC-555148

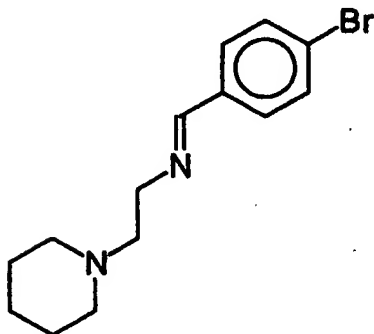


FIG. 15Q

#6: CNC-521484

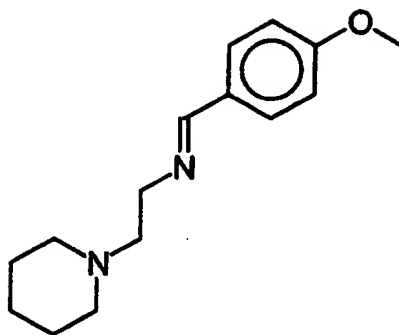


FIG. 15R

#7: CNC-543738

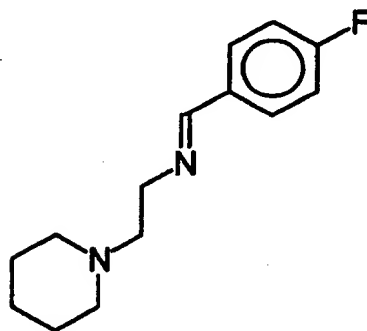


FIG. 15S

#8: CNC-529717

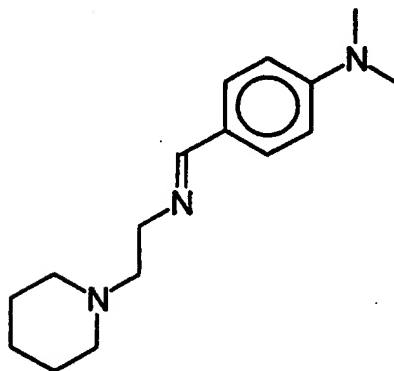


FIG. 16A

#1: CNC-289284

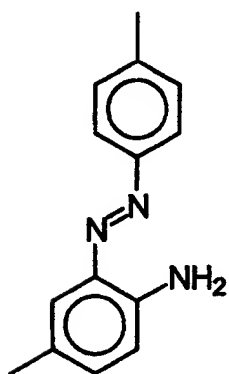


FIG. 16B

#2: CNC-1069242

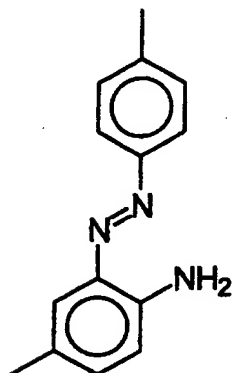


FIG. 16C

#3: CNC-287671

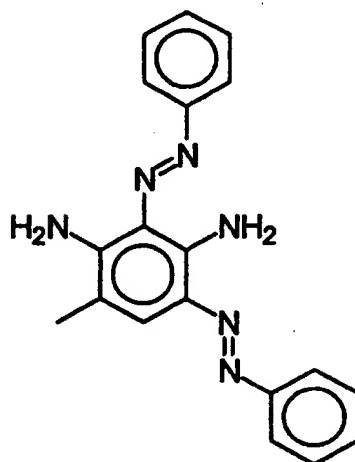


FIG. 16D

#4: CNC-287227

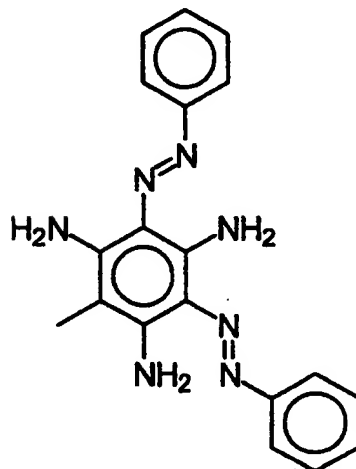


FIG. 16E

#5: CNC-300273 and CNC-1268328

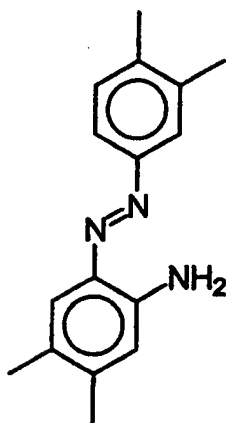


FIG. 16F

#7: CNC-1308309

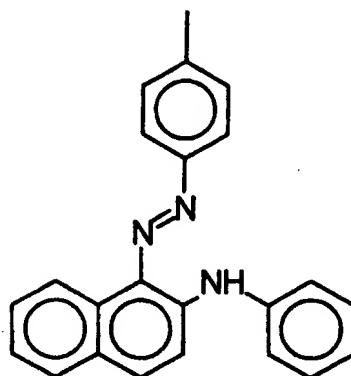


FIG. 16G

#8: CNC-1069226

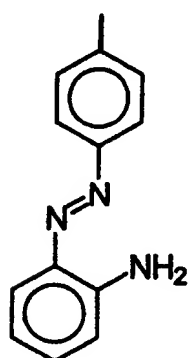


FIG. 16H

#9: CNC-290524

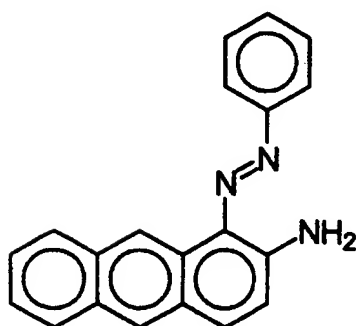


FIG. 16I

#10: CNC-609843

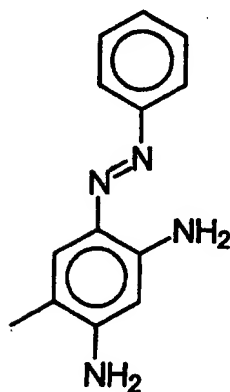


FIG. 16J

#11: CNC-1059876

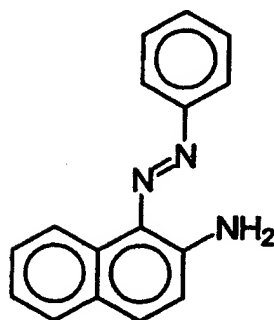


FIG. 16K

#12: CNC-300196

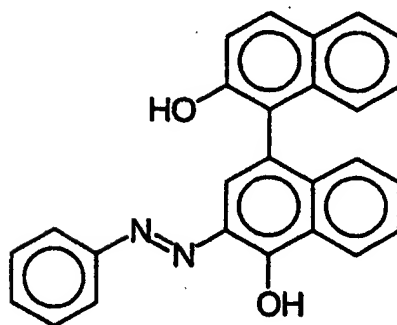


FIG. 16L

#13: CNC-287437

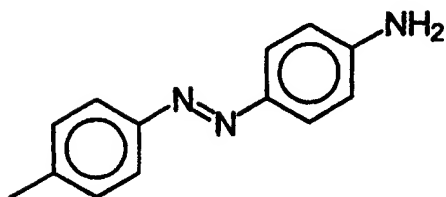


FIG. 16M

#14: CNC-301181

#15: CNC-628178

#16: CNC-1292419

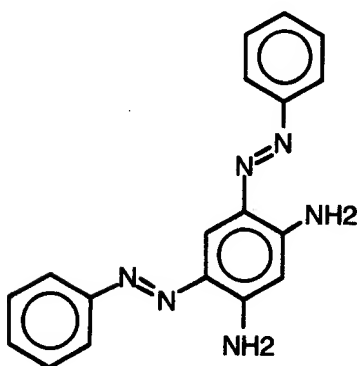


FIG. 17A

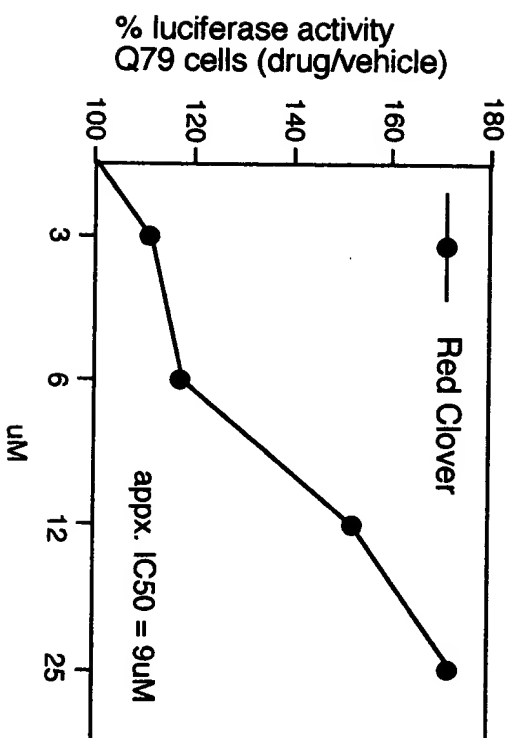


FIG. 17B

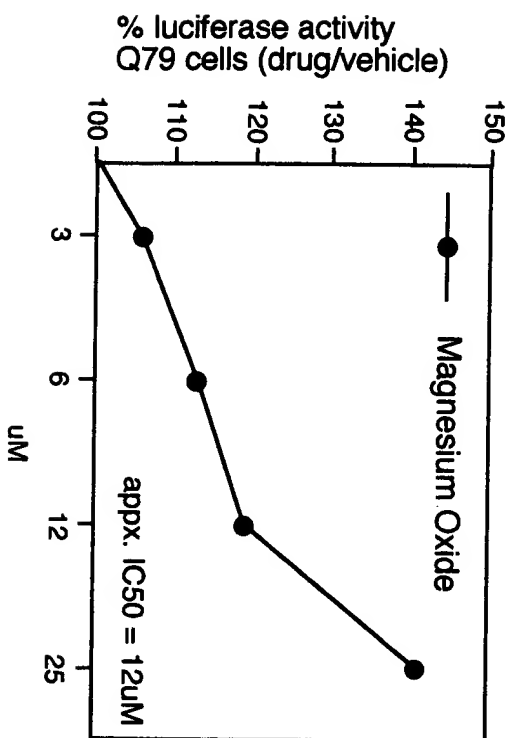


FIG. 17C

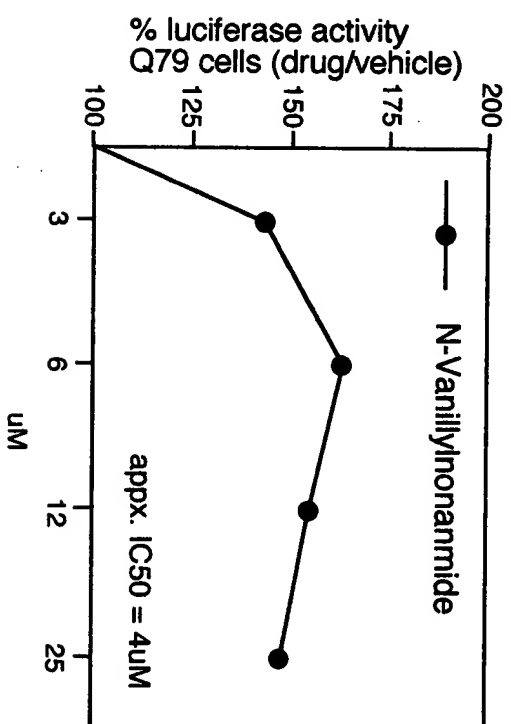


FIG. 17D

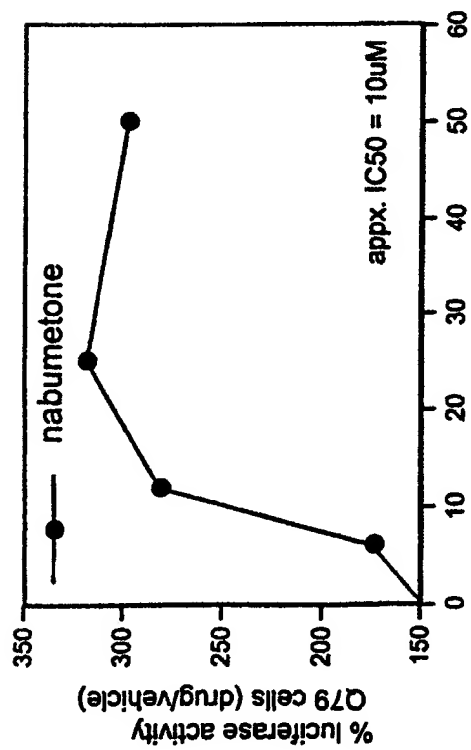


FIG. 17F

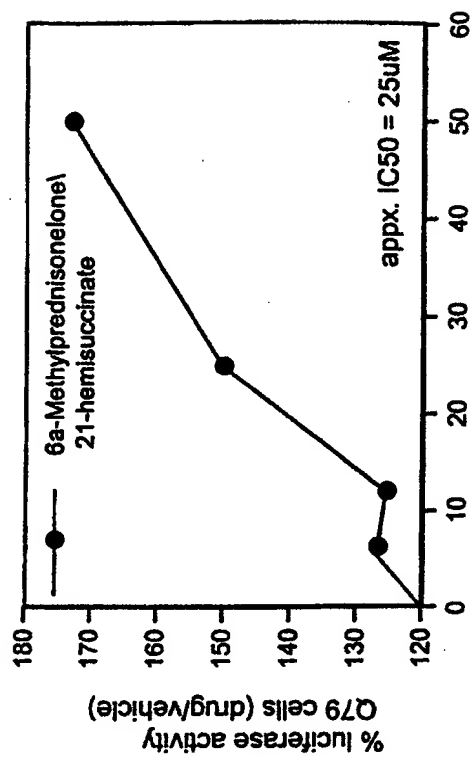


FIG. 17E

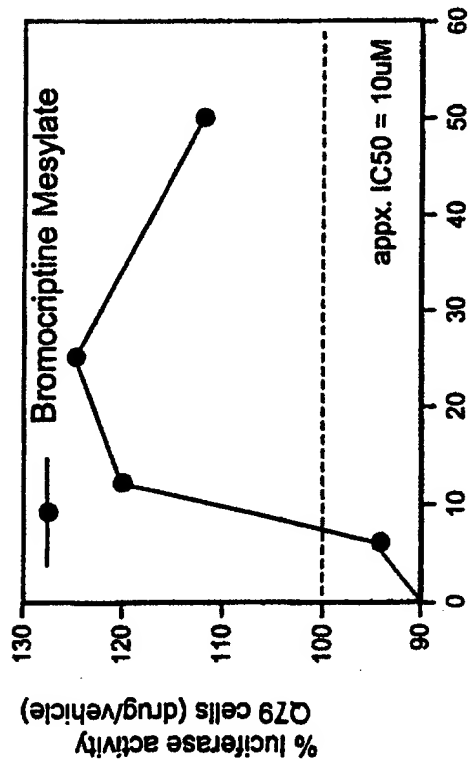


FIG. 17G

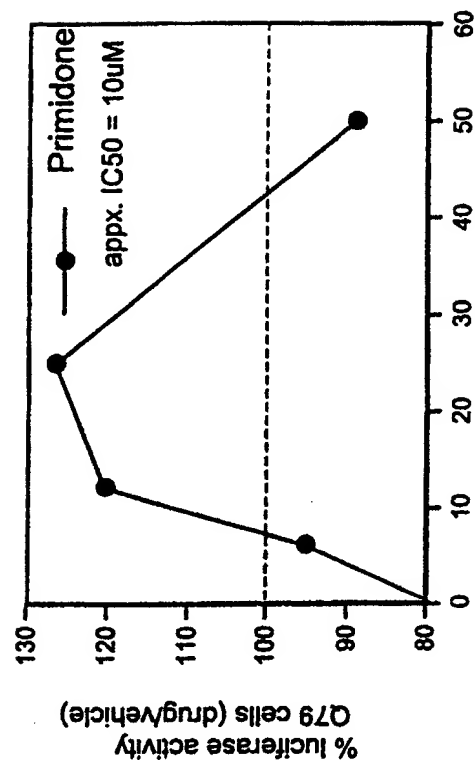


FIG. 17H

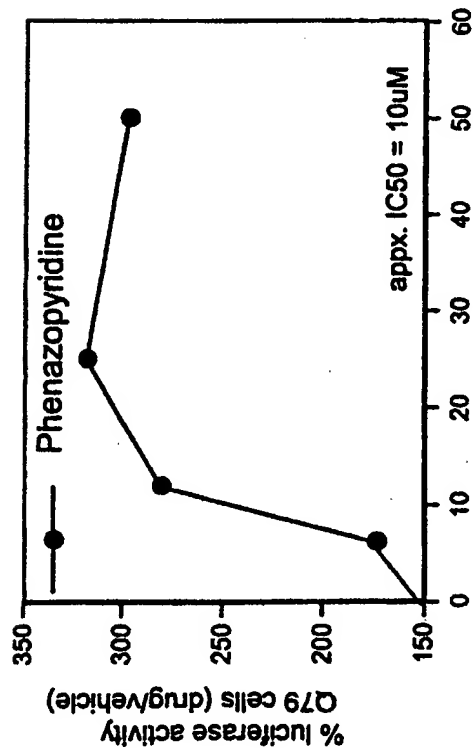


FIG. 17I

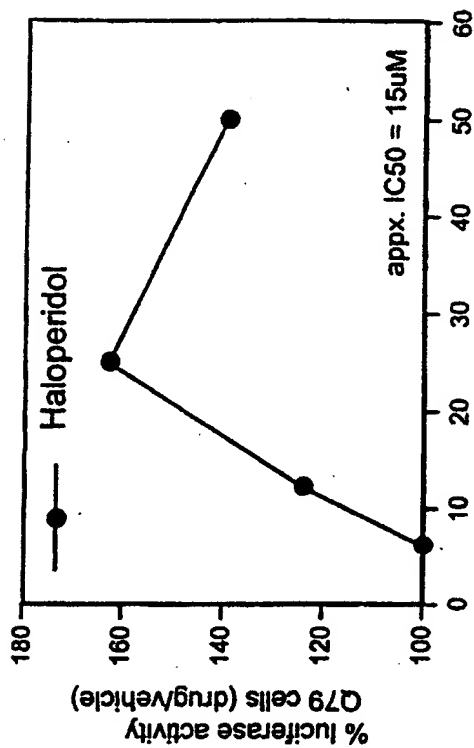


FIG. 17J

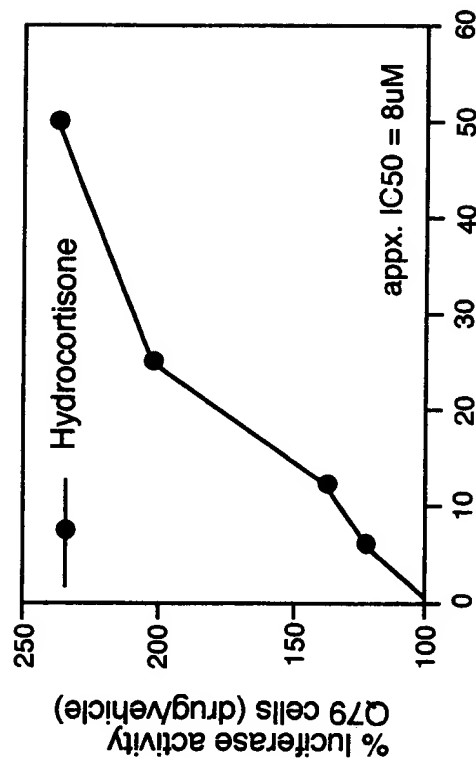


FIG. 17K

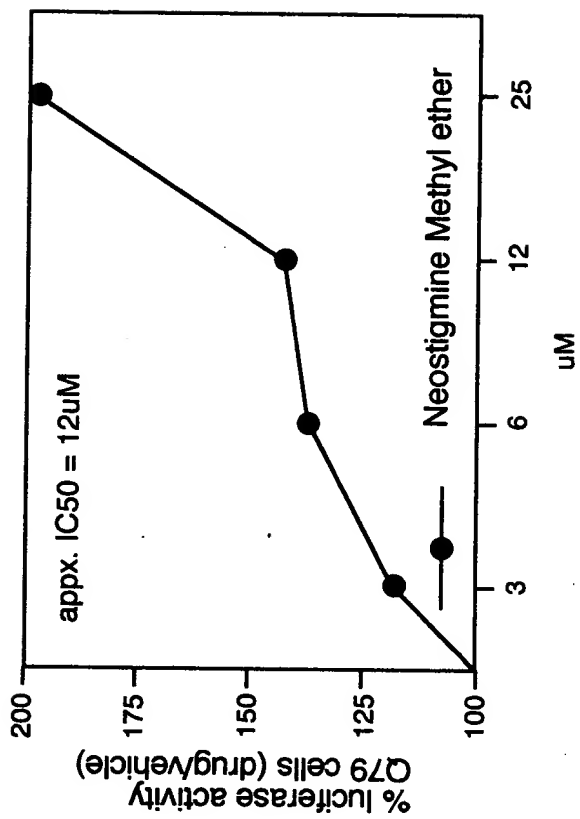


FIG. 17L

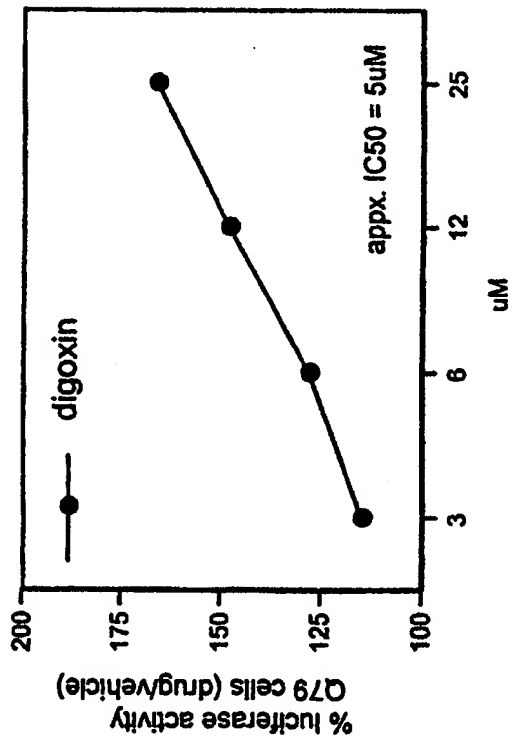


FIG. 17N

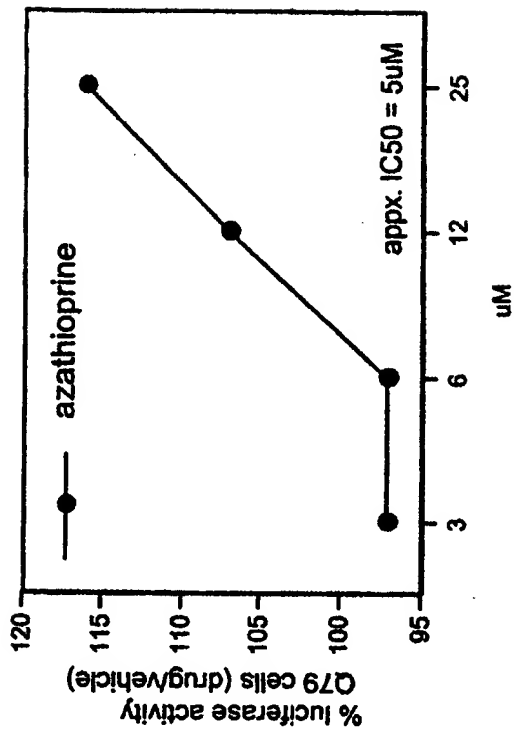


FIG. 17M

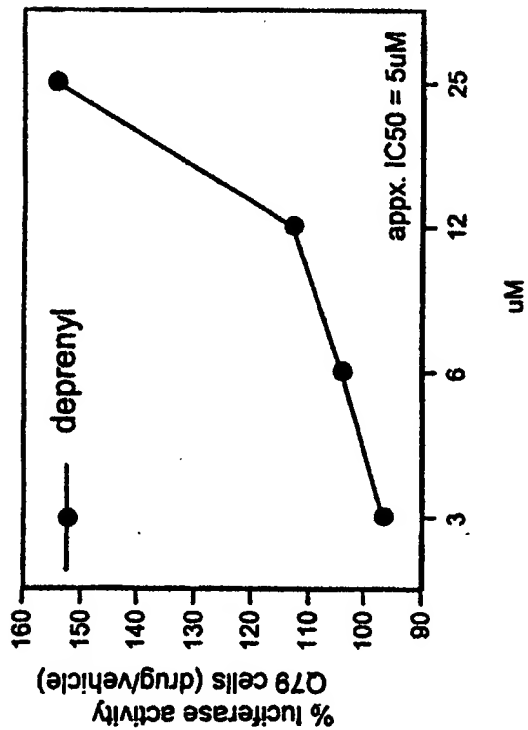


FIG. 17O

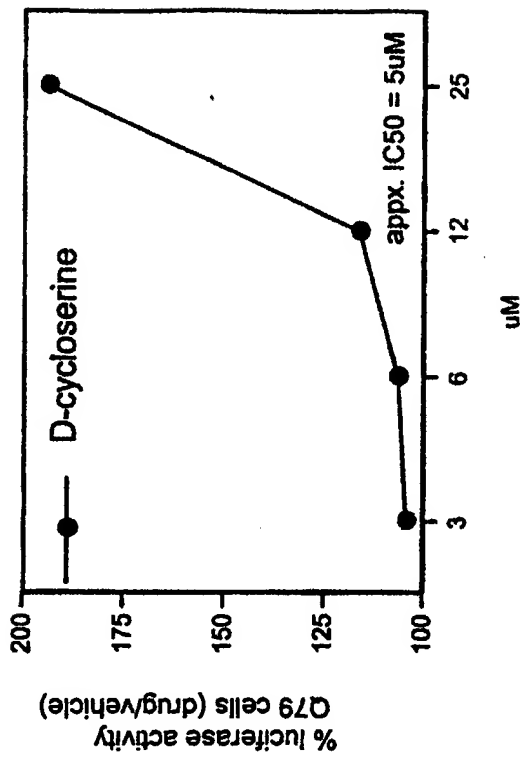
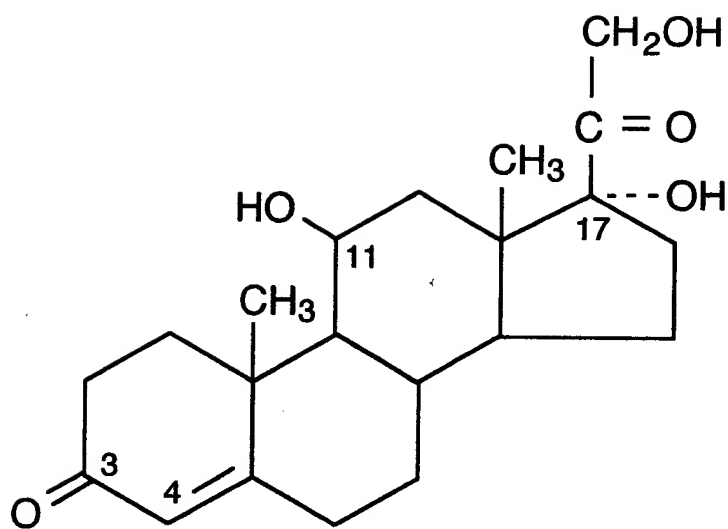
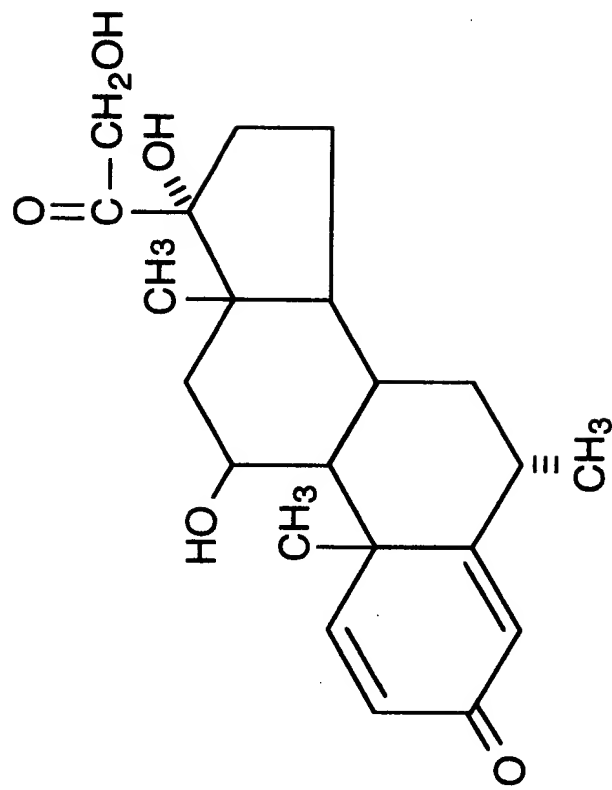


FIG. 18A



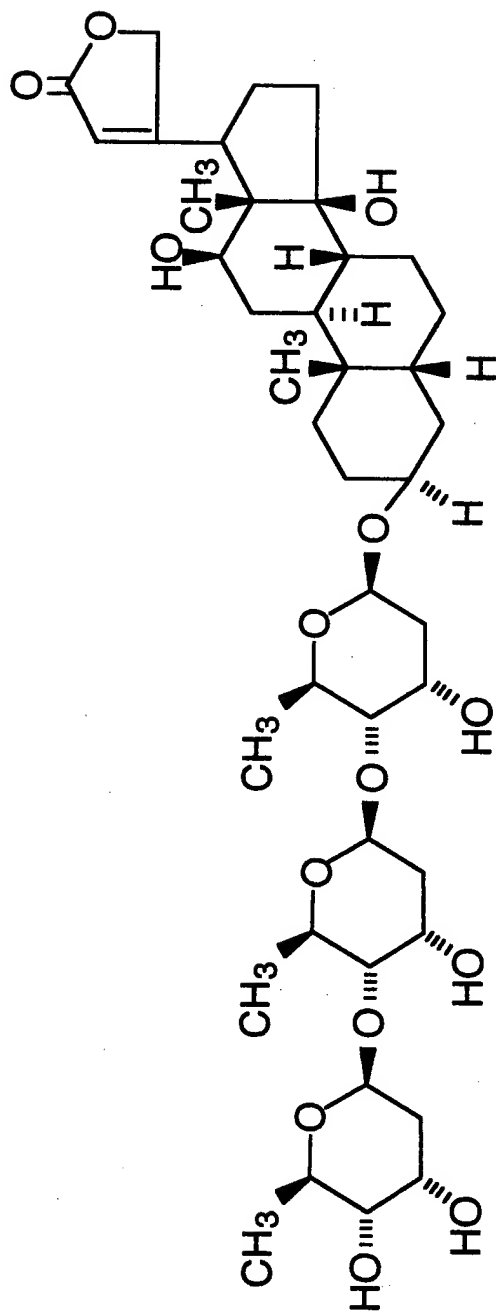
hydrocortisone

FIG. 18B



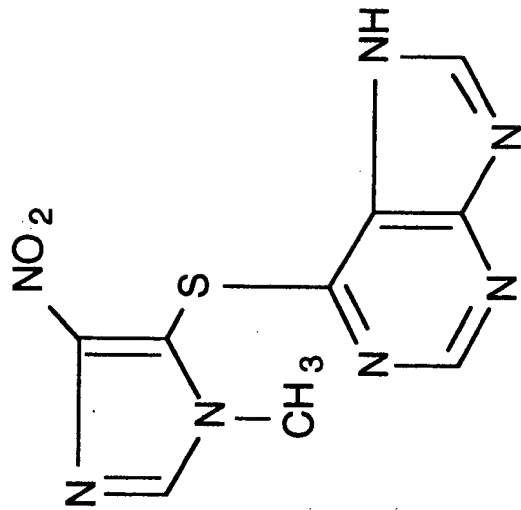
6- α Methylprednisolone 21-hemisuccinate

FIG. 18C



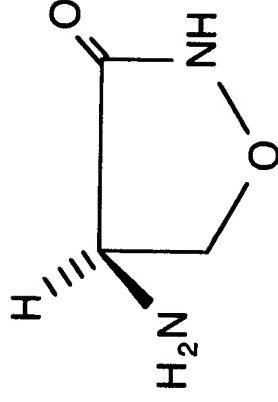
Digoxin

FIG. 18D



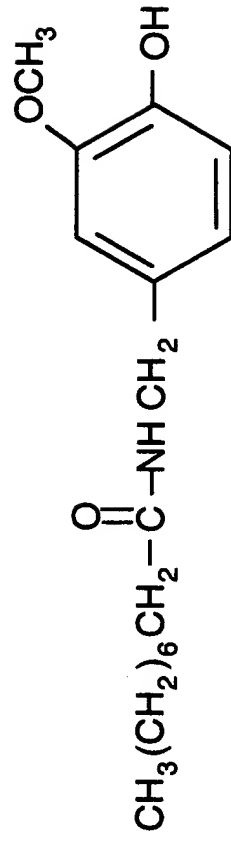
azathioprine

FIG. 18E



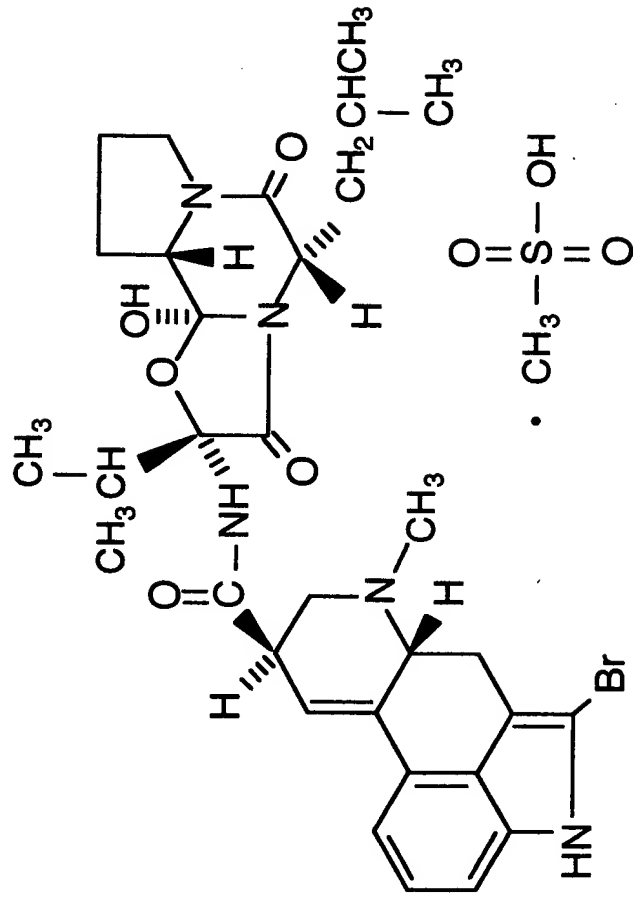
D-cycloserine

FIG. 18F



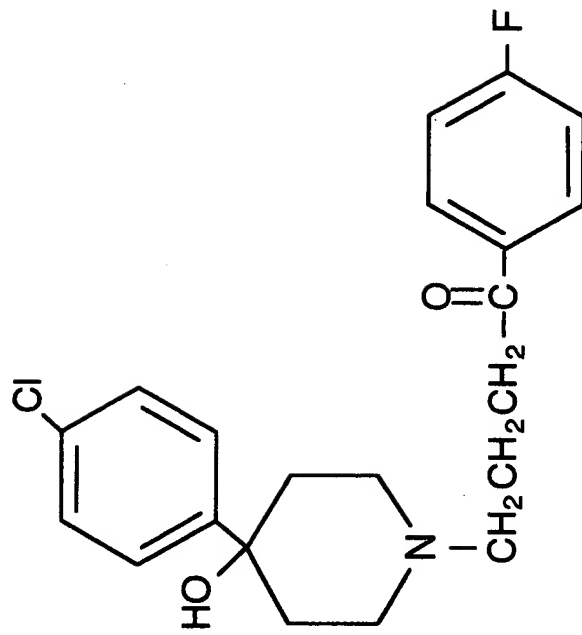
N-Vanillylnonanamide

FIG. 18G



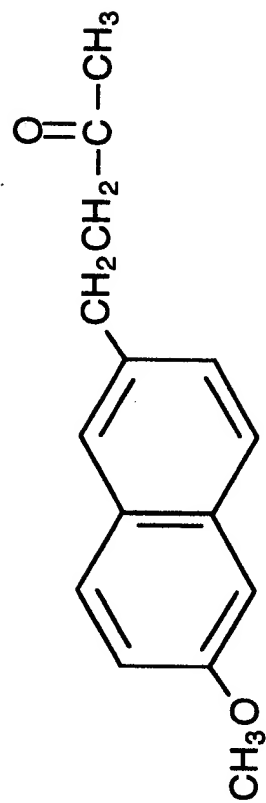
bromocriptine mesylate

FIG. 18H



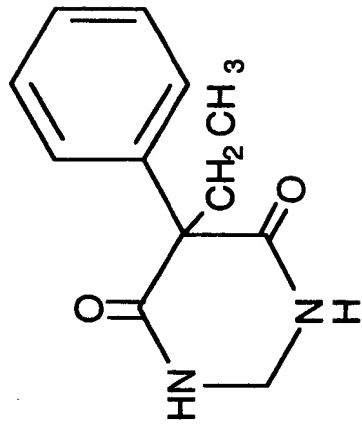
Haloperidol

FIG. 18I



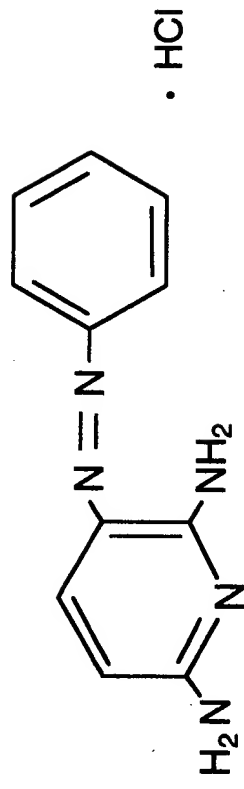
Nabumetone

FIG. 18J



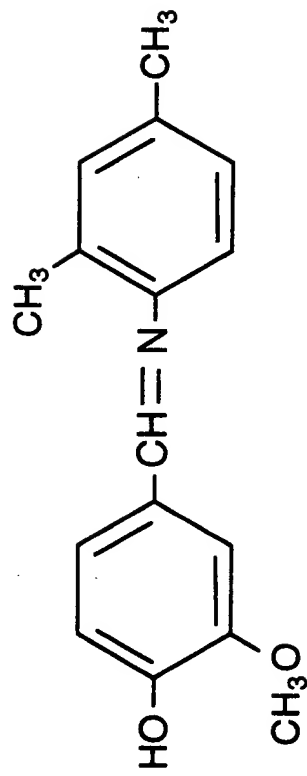
Primidone

FIG. 18K



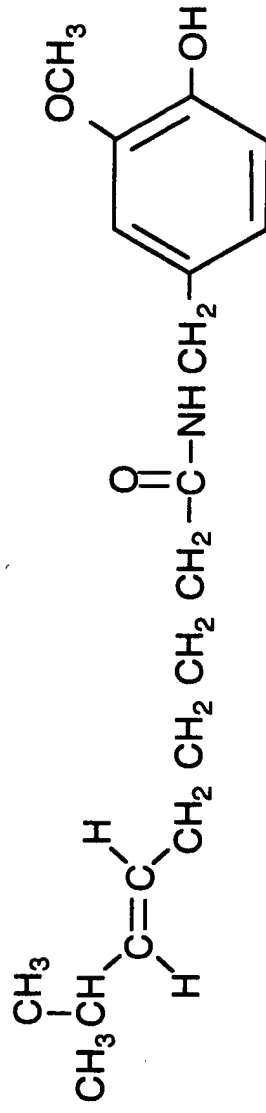
Phenazopyridine

FIG. 18L



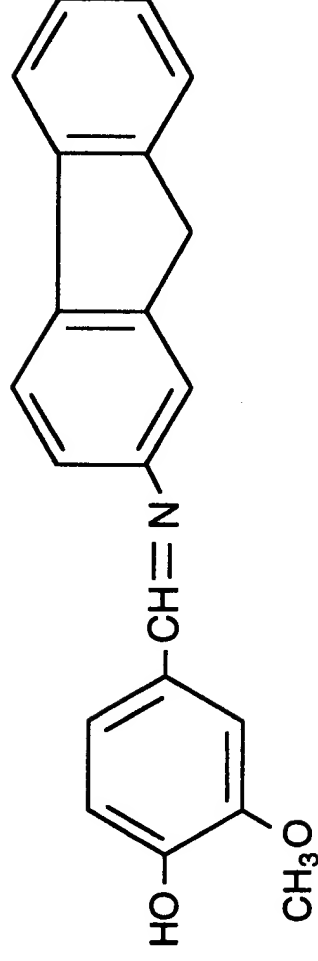
N-Vanillylidene

FIG. 18M



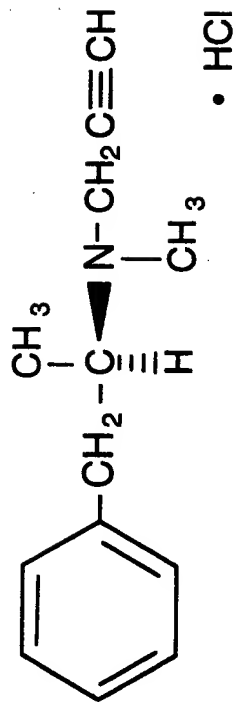
8-methyl-N-vanillyl-6-nonenamide

FIG. 18N



2-(N-Vanillylideneamino)-Fluorene

FIG. 180



R-(-)-deprenyl hydrochloride

FIG. 19

